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GenCore version 5.1.4.p5\_4578

OM protein - protein search, using SW model

Run on:

April 22, 2003, 15:33:52 ; Search time 26 Seconds

(without alignments)  
3084.997 Million cell updates/sec

Title: US-10-046-433-40

Perfect score: 1001

Sequence: 1 MAEPGHSHHLSARVGRTER..... LGRSNHLPPRGLMDITQCR 1001

Scoring table: OLIGO  
Gapext 60.0 , Gapext 60.0

Searched: 301932 seqs, 80129803 residues

Word size : 0

Total number of hits satisfying chosen parameters: 301932

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Listing first 150 summaries

Database :

Published Applications AA:\*

1:

/cggn2\_6/ptodata/1/pubpa/US08\_NEW\_PUB.PEP:\*

2:

/cggn2\_6/ptodata/1/pubpa/PCT\_NEW\_PUB.PEP:\*

3:

/cggn2\_6/ptodata/1/pubpa/US06\_NEW\_PUB.PEP:\*

4:

/cggn2\_6/ptodata/1/pubpa/US06\_PUBCOMB.PEP:\*

5:

/cggn2\_6/ptodata/1/pubpa/US07\_NEW\_PUB.PEP:\*

6:

/cggn2\_6/ptodata/1/pubpa/US07\_PUBCOMB.PEP:\*

7:

/cggn2\_6/ptodata/1/pubpa/PCTUS\_PUBCOMB.PEP:\*

8:

/cggn2\_6/ptodata/1/pubpa/US08\_PUBCOMB.PEP:\*

9:

/cggn2\_6/ptodata/1/pubpa/US09\_NEW\_PUB.PEP:\*

10:

/cggn2\_6/ptodata/1/pubpa/US09\_PUBCOMB.PEP:\*

11:

/cggn2\_6/ptodata/1/pubpa/US10\_NEW\_PUB.PEP:\*

12:

/cggn2\_6/ptodata/1/pubpa/US10\_PUBCOMB.PEP:\*

13:

/cggn2\_6/ptodata/1/pubpa/US60\_NEW\_PUB.PEP:\*

14:

/cggn2\_6/ptodata/1/pubpa/US60\_PUBCOMB.PEP:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

### SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	708	70.7	1013 9	US-10-028-072-38 Sequence 39, Appl
2	708	70.7	1013 9	US-10-121-049-38 Sequence 38, Appl
3	708	70.7	1013 9	US-10-123-904-38 Sequence 38, Appl
4	708	70.7	1013 9	US-10-140-471-38 Sequence 39, Appl
5	708	70.7	1013 9	US-10-143-746-38 Sequence 38, Appl
6	708	70.7	1013 9	US-10-176-918-38 Sequence 38, Appl
7	708	70.7	1013 9	US-10-176-921-38 Sequence 38, Appl
8	708	70.7	1013 9	US-10-177-865-38 Sequence 38, Appl
9	708	70.7	1013 9	US-10-140-471-38 Sequence 38, Appl
10	708	70.7	1013 9	US-10-142-411-38 Sequence 38, Appl
11	708	70.7	1013 9	US-10-143-114-38 Sequence 38, Appl
12	708	70.7	1013 9	US-10-140-002-38 Sequence 38, Appl
13	708	70.7	1013 9	US-10-142-419-38 Sequence 38, Appl
14	708	70.7	1013 9	US-10-123-622-38 Sequence 38, Appl
15	708	70.7	1013 9	US-10-142-422-38 Sequence 38, Appl
16	708	70.7	1013 9	US-10-121-050-38 Sequence 38, Appl
17	708	70.7	1013 9	US-10-141-755-38 Sequence 38, Appl
18	708	70.7	1013 9	US-10-143-032-38 Sequence 38, Appl
19	708	70.7	1013 9	US-10-123-108-38 Sequence 38, Appl
20	708	70.7	1013 9	US-10-123-236-38 Sequence 38, Appl
21	708	70.7	1013 9	US-10-123-261-38 Sequence 38, Appl
22	708	70.7	1013 9	US-10-140-921-38 Sequence 38, Appl
23	708	70.7	1013 9	US-10-140-928-38 Sequence 38, Appl
24	708	70.7	1013 9	US-10-124-045-38 Sequence 38, Appl
25	708	70.7	1013 9	US-10-123-292-38 Sequence 38, Appl
26	708	70.7	1013 9	US-10-123-903-38 Sequence 38, Appl
27	708	70.7	1013 9	US-10-124-819-38 Sequence 38, Appl
28	708	70.7	1013 9	US-10-124-822-38 Sequence 38, Appl
29	708	70.7	1013 9	US-10-140-925-38 Sequence 38, Appl
30	708	70.7	1013 9	US-10-160-498-38 Sequence 38, Appl
31	150	15.0	208 9	US-09-925-299-982 Sequence 92, Appl
32	150	15.0	208 10	US-09-925-299-982 Sequence 92, Appl
33	21	2.1	1027 9	US-10-140-164-4 Sequence 4, Appl
34	15	1.5	411 9	US-10-002-050-10 Sequence 10, Appl
35	15	1.5	411 9	US-10-002-304-10 Sequence 10, Appl
36	15	1.5	411 12	US-10-003-152-10 Sequence 20, Appl
37	15	1.5	454 9	US-10-002-050-20 Sequence 20, Appl
38	15	1.5	464 9	US-10-002-304-20 Sequence 20, Appl
39	15	1.5	464 12	US-10-003-152-20 Sequence 20, Appl
40	15	1.5	963 9	US-10-140-164-2 Sequence 28, Appl
41	14	1.4	50 10	US-09-894-761-39644 Sequence 57, Appl
42	14	1.4	78 9	US-10-140-164-36 Sequence 36, Appl
43	14	1.4	78 9	US-10-140-164-65 Sequence 61, Appl
44	9	0.9	519 10	US-09-935-300-1680 Sequence 39194, A
45	9	0.9	519 10	US-09-935-300-1680 Sequence 1680, Ap
46	8	0.8	8 9	US-10-140-164-28 Sequence 77, Appl
47	8	0.8	8 9	US-10-140-164-57 Sequence 38905, A
48	8	0.8	60 10	US-09-894-761-39057 Sequence 51, Appl
49	8	0.8	64 10	US-09-894-761-47095 Sequence 3705, A
50	8	0.8	74 9	US-10-140-164-32 Sequence 32, Appl
51	8	0.8	74 9	US-10-140-164-61 Sequence 617, Ap
52	7	0.7	49 9	US-09-793-889-77 Sequence 4, Appl
53	7	0.7	93 10	US-09-894-761-38905 Sequence 6, Appl
54	7	0.7	168 9	US-09-894-761-39057 Sequence 100, Ap
55	7	0.7	229 10	US-09-894-761-47195 Sequence 318, Ap
56	7	0.7	261 9	US-10-140-164-32 Sequence 319, Ap
57	7	0.7	272 9	US-09-730-626-4617 Sequence 6417, Ap
58	7	0.7	316 10	US-09-951-679-4 Sequence 47, Appl
59	7	0.7	353 10	US-09-961-679-6 Sequence 38905, A
60	7	0.7	362 10	US-09-925-301-1000 Sequence 51, Appl
61	7	0.7	382 12	US-09-894-761-373-318 Sequence 3705, A
62	7	0.7	392 9	US-09-730-626-4181 Sequence 4181, Ap
63	7	0.7	393 10	US-09-745-763-19 Sequence 19, Appl
64	7	0.7	515 10	US-09-970-711-8 Sequence 2, Appl
65	7	0.7	603 10	US-09-961-679-2 Sequence 8, Appl
66	7	0.7	1272 9	US-10-118-513A-2 Sequence 132, Ap
67	7	0.7	1272 9	US-10-118-513A-2 Sequence 132, Ap
68	7	0.7	2243 9	US-10-118-513A-12 Sequence 132, Ap
69	7	0.7	2243 9	US-10-118-513A-12 Sequence 132, Ap
70	6	0.6	12 10	US-09-950-634-3 Sequence 41, Appl
71	6	0.6	14 9	US-09-965-536-41 Sequence 12, Appl
72	6	0.6	14 9	US-09-950-634-3 Sequence 13, Appl
73	6	0.6	18 10	US-09-894-761-34785 Sequence 49, Appl
74	6	0.6	20 10	US-09-885-553-6 Sequence 49, Appl
75	6	0.6	23 10	US-09-894-761-42677 Sequence 42677, A
76	6	0.6	31 9	US-09-974-879-445 Sequence 445, Appl
77	6	0.6	32 9	US-10-144-410-261 Sequence 261, Appl
78	6	0.6	34 9	US-09-764-771-35255 Sequence 52, Appl
79	6	0.6	34 9	US-10-091-543-52 Sequence 52, Appl
80	6	0.6	34 10	US-09-864-866-570 Sequence 570, Appl
81	6	0.6	38 9	US-09-984-761-480-421 Sequence 421, Appl
82	6	0.6	41 9	US-09-893-333A-23 Sequence 23, Appl
83	6	0.6	41 9	US-09-883-343A-24 Sequence 24, Appl
84	6	0.6	42 10	US-09-864-771-35255 Sequence 5525, A
85	6	0.6	42 10	US-09-864-771-35255 Sequence 35525, A
86	6	0.6	42 10	US-09-864-771-35255 Sequence 38766, A
87	6	0.6	45 10	US-09-764-866-1229 Sequence 1229, Ap
88	6	0.6	45 10	US-09-864-771-480-421 Sequence 4866, A
89	6	0.6	46 10	US-09-922-297-641 Sequence 641, Ap
90	6	0.6	46 10	US-09-864-761-38759 Sequence 38759, A
91	6	0.6	47 10	US-09-864-761-38759 Sequence 35830, A
92	6	0.6	50 10	US-09-864-761-47976 Sequence 47976, A
93	6	0.6	51 10	US-09-864-761-47976 Sequence 40434, A

RESULT 1  
US-10-028-072-38  
; Sequence 38 Application US/10028072  
; Publication No. US2003004311A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: Deltorge, Laura  
; APPLICANT: LeBoyer, Luc  
; APPLICANT: Filvaroff, Ellen

53	10	US-09-864-761-43095	Gao, Wei-Qiang
53	10	US-09-864-761-44361	Gerritsen, Mary B.
54	10	US-09-864-761-44370	Goddard, Audrey
55	10	US-09-864-761-39873	Godowski, Paul J.
56	9	US-10-114-893-131	Gurney, Austin L.
56	9	US-10-102-806-826	Sherwood, Steven
56	9	US-09-864-761-42647	Smith, Victoria
60	10	US-09-864-761-33648	Stewart, Timothy A.
62	10	US-09-864-761-34054	Tumas, Daniel
63	10	US-09-867-550-1522	Watansabe, Colin K.
65	10	US-09-929-980-433	Wood, William
66	10	US-09-867-550-1906	Zhang
69	9	US-10-079-623-361	APPLICANT: Zhang
78	9	US-10-002-344A-200	TITLE OF INVENTION:
78	10	US-09-864-761-46908	FILE REFERENCE:
80	10	US-09-867-550-1970	CURRENT APPLICATION NUMBER: US/10/028-072
82	10	US-09-864-761-33873	PRIOR APPLICATION NUMBER: 60/049911
87	10	US-09-764-887-278	PRIOR FILING DATE: 1997-06-18
88	9	US-09-866-50A-698	PRIOR APPLICATION NUMBER: 60/056974
89	10	US-09-881-752B-114	PRIOR FILING DATE: 1997-08-26
90	9	US-09-764-872-382	PRIOR APPLICATION NUMBER: 60/059113
90	6	US-09-764-877-1461	PRIOR FILING DATE: 1997-09-17
92	9	US-10-091-572-395	PRIOR APPLICATION NUMBER: 60/059115
94	10	US-09-864-761-44731	PRIOR FILING DATE: 1997-09-17
96	10	US-09-867-11	PRIOR APPLICATION NUMBER: 60/059117
100	9	US-09-795-692-675	PRIOR FILING DATE: 1997-09-17
100	9	US-09-796-692-1383	PRIOR APPLICATION NUMBER: 60/059122
100	9	US-09-796-692-1473	PRIOR FILING DATE: 1997-09-17
100	9	US-09-796-692-1864	PRIOR APPLICATION NUMBER: 60/059128
100	9	US-09-796-692-1915	PRIOR FILING DATE: 1997-09-17
100	9	US-09-925-302-687	PRIOR APPLICATION NUMBER: 60/059134
100	10	US-09-833-067-10	PRIOR FILING DATE: 1997-09-17
100	10	US-09-867-550-58	PRIOR APPLICATION NUMBER: 60/059138
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101	10	US-09-867-550-186	PRIOR APPLICATION NUMBER: 60/059144
104	9	US-09-925-309-1446	PRIOR FILING DATE: 1997-09-19
104	10	US-09-925-329-1446	PRIOR APPLICATION NUMBER: 60/059363
110	10	US-09-764-860-529	PRIOR FILING DATE: 1997-09-24
111	9	US-10-072-349-107	PRIOR APPLICATION NUMBER: 60/062250
111	10	US-09-764-855-107	PRIOR FILING DATE: 1997-10-17
114	10	US-09-864-761-36168	PRIOR APPLICATION NUMBER: 60/062252
114	10	US-09-864-761-36168	PRIOR FILING DATE: 1997-10-17
114	10	US-09-864-761-36168	PRIOR APPLICATION NUMBER: 60/062254
116	10	US-09-925-310-1237	PRIOR FILING DATE: 1997-10-17
117	10	US-09-933-980-486	PRIOR APPLICATION NUMBER: 60/062256
123	10	US-09-925-310-1196	PRIOR FILING DATE: 1997-10-17
127	9	US-10-001-857-167	PRIOR APPLICATION NUMBER: 60/062258
127	10	US-09-925-310-1213	PRIOR FILING DATE: 1997-10-17
128	9	US-09-738-626-5866	PRIOR APPLICATION NUMBER: 60/062287
128	10	US-09-755-665-28	PRIOR FILING DATE: 1997-10-17
129	9	US-09-925-299-1210	PRIOR APPLICATION NUMBER: 60/062814
129	10	US-09-925-300-1521	PRIOR FILING DATE: 1997-10-24
130	9	US-09-738-626-6460	PRIOR APPLICATION NUMBER: 60/062816
131	9	US-09-738-626-1566	PRIOR FILING DATE: 1997-10-24
133	10	US-09-738-769A-4	PRIOR APPLICATION NUMBER: 60/063045
133	10	US-09-941-780-4	PRIOR FILING DATE: 1997-10-24
135	9	US-09-719-223	PRIOR APPLICATION NUMBER: 60/063082
135	10	US-09-815-242-11431	PRIOR FILING DATE: 1997-10-27

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PRIOR APPLICATION NUMBER: 60/089907  
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PRIOR FILING DATE: 1998-06-24  
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PRIOR FILING DATE: 1998-07-01  
PRIOR APPLICATION NUMBER: 60/091519  
PRIOR FILING DATE: 1998-07-02  
PRIOR APPLICATION NUMBER: 60/091982  
PRIOR FILING DATE: 1998-07-07

Query Match: 70.7%; Score: 708; DB: 9; Length: 1013;  
Best Local Similarity: 100.0%; Pred. No.: 0; Mismatches: 0; Indels: 0; Gaps: 0;

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Db 169 NTDECTATMAYAVNIKQSGVNFYVPPSIIFFFYVONDOPNADSRMKTTKGW 228

Qy 229 EFHSTELNRGNVLYWRTRAPSWTKPKPVURNIAITGVATSECPCKGTYADQG 288  
Db 229 EFHSTELNRGNVLYWRTRAPSWTKPKPVURNIAITGVATSECPCKGTYADQG 288

Qy 289 SSFKLCPANISYSNKGETSCHQCPDPKUSEKGSSCNRPACTDKYTHACDANGET 348  
Db 289 SSFKLCPANISYSNKGETSCHQCPDPKUSEKGSSCNRPACTDKYTHACDANGET 348

Qy 349 QLMYKWAPKCISCSBLEDGAVKLPLASGVKTHCPGPNPFGPKTNISTCQCPYSYSNSGDC 408  
Db 349 QLMYKWAPKCISCSBLEDGAVKLPLASGVKTHCPGPNPFGPKTNISTCQCPYSYSNSGDC 408

Qy 409 TRCPAGTEPAGFEGYKMMWLTPTMETWILSINFEYKMTGNEVAGDHITYAGASND 468  
Db 409 TRCPAGTEPAGFEGYKMMWLTPTMETWILSINFEYKMTGNEVAGDHITYAGASND 468

Qy 469 FMLTIVPGRRPOSWMADTENKEVARITPWFITLCSNCELYFMIGNSRINTPWTW 528

QY 529 KGSKGKSYTYIIEENTTSTWAFORTTHEASRYKTNDAKVISINTVNVMGASYC 588  
Db 529 KGSKGKSYTYIIEENTTSTWAFORTTHEASRYKTNDAKVISINTVNVMGASYC 588

QY 589 RPCALEASDVGSSCTSPCAPGYIIDSGPFTSCKLKYFHHFTSLCGNQ 708  
Db 589 RPCALEASDVGSSCTSPCAPGYIIDSGPFTSCKLKYFHHFTSLCGNQ 648

QY 649 KIHSLCYNDCTSFSRNTPTRFNYNSALANTVTLAGGPSTSKGLKYFHHFTSLCGNQ 708  
Db 649 KIHSLCYNDCTSFSRNTPTRFNYNSALANTVTLAGGPSTSKGLKYFHHFTSLCGNQ 708

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Db 709 RKMVCYTDNTDULPIEGESGFSKITAIVCQAVIPPEVTGKAGVSSQPVSLADRIG 768

QY 769 VTTDMTLDGTISPAELFHLSLGLPDTYFYRSNDVTCSRSSRSTTRVRCSQPKTVPG 828  
Db 769 VTTDMTLDGTISPAELFHLSLGLPDTYFYRSNDVTCSRSSRSTTRVRCSQPKTVPG 828

QY 829 SLLPGTCSDGTCGNCNFHLWESAAACPLCSVADYHAIVSSCVAGIQ 876  
Db 829 SLLPGTCSDGTCGNCNFHLWESAAACPLCSVADYHAIVSSCVAGIQ 876

RESULT 2  
US-10-121-049-38  
; Sequence 38, Application US/10121049  
; Publication No. US20030022239A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanae, Colin K  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEARIC ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3330R1C17  
; CURRENT APPLICATION NUMBER: US/10/121,049  
; CURRENT FILING DATE: 2002-04-12  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 38  
; LENGTH: 1013  
; TYPE: PRT  
; ORGANISM: Homo sapien  
; FEATURE:  
; NAME/KEY: unsure  
; LOCATION: 877, 882  
; OTHER INFORMATION: unknown amino acid  
; US-10-121-049-38

Query Match 70.7%; Score 708; DB 9; Length 1013;  
Best Local Similarity 100.0%; Pedi. 0%; Length 1013;  
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 229 EFISVNLGRNNLYWTTTASWVTKPKPVLRNIAITGVAUTSBCPCKPGTVADKG 288  
Db 229 EFISVNLGRNNLYWTTTASWVTKPKPVLRNIAITGVAUTSBCPCKPGTVADKG 288

QY 289 SSCKLUPANSNKGTSCHOCDPKYSEKGSSCNVRPACTDKYFYTACANGER 348  
Db 289 SSCKLUPANSNKGTSCHOCDPKYSEKGSSCNVRPACTDKYFYTACANGER 348

QY 349 QLMYKWAKPKICSEDELAGAVKLPSGVKTHCPPCNPGFFKTNSTCOPCPYGSYNGSDC 408  
Db 349 QLMYKWAKPKICSEDELAGAVKLPSGVKTHCPPCNPGFFKTNSTCOPCPYGSYNGSDC 408

QY 409 TRCPAGTEPAGFEEYKWNLTPTNMETTIVSGINBYKGMTGWEVADHITYAGASDND 468  
Db 409 TRCPAGTEPAGFEEYKWNLTPTNMETTIVSGINBYKGMTGWEVADHITYAGASDND 468

QY 469 FMLTIVPGRRPQSMADTENKEVARITFVFELCSINCELYVNMGINSRNTPVETW 528  
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QY 529 KOSKGKSYTYIIEENTTSTWAFORTTHEASRYKTNDAKVISINTVNVMGASYC 588  
Db 529 KOSKGKSYTYIIEENTTSTWAFORTTHEASRYKTNDAKVISINTVNVMGASYC 588

QY 589 RPCALEASDVGSSCTSPCAPGYIIDSGPFTSCKLKYFHHFTSLCGNQ 648  
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Db 649 KIHSLCYNDCTSFSRNTPTRFNYNSALANTVTLAGGPSTSKGLKYFHHFTSLCGNQ 708

QY 709 RKMVCYTDNTDULPIEGESGFSKITAIVCQAVIPPEVTGKAGVSSQPVSLADRIG 768  
Db 709 RKMVCYTDNTDULPIEGESGFSKITAIVCQAVIPPEVTGKAGVSSQPVSLADRIG 768

QY 769 VTTDMTLDGTISPAELFHLSLGLPDTYFYRSNDVTCSRSSRSTTRVRCSQPKTVPG 828  
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QY 829 SLLPGTCSDGTCGNCNFHLWESAAACPLCSVADYHAIVSSCVAGIQ 876  
Db 829 SLLPGTCSDGTCGNCNFHLWESAAACPLCSVADYHAIVSSCVAGIQ 876

RESULT 3  
US-10-123-904-38  
; Sequence 38, Application US/10123904  
; Publication No. US20030022328A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanae, Colin K  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEARIC ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3330R1C17  
; CURRENT APPLICATION NUMBER: US/10/123,904  
; CURRENT FILING DATE: 2002-04-16

us-10-046-433-40.oligo.rabb

Prior Application removed - See File Wrapper or Palm  
 NUMBER OF SEQ ID NOS: 550  
 SEQ ID NO 38  
 LENGTH: 1013  
 TYPE: PRT  
 ORGANISM: Homo Sapien  
 FEATURE:  
 NAME/KEY: unsure  
 LOCATION: 877, 882  
 OTHER INFORMATION: unknown amino acid  
 US-10-123-904-38

Query Match 70.7%; Score 708; DB 9; Length 1013;  
 Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;  
 Matches 708; Conservative 0; MisMatches 0; Indels 0; Gaps 0;

QY 169 NTDECTATLMAVNLKQSGTUNFYYDPSSIFEFVONDQCPNADSRWMKTEKGW 228  
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 Db 529 KGSKQKQSYTYIIEENTTSFWAORTTPEASRYKTYNDVAKLYSINTNVNGVASYC 588  
 Qy 529 KGSKQKQSYTYIIEENTTSFWAORTTPEASRYKTYNDVAKLYSINTNVNGVASYC 588  
 Db 589 RPCALEASDVGSCTSCPAGYIDRDSGTCHSCCPNPGFKTNNSTQCPGYSNSDC 648  
 Qy 589 RPCALEASDVGSCTSCPAGYIDRDSGTCHSCCPNPGFKTNNSTQCPGYSNSDC 648  
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 Db 769 VTPDMPLGTSRPLFHESLSPIDPVFFYNSNDVTOCSGSGRSTIRVRCSSQKTPG 828  
 Qy 829 SLLPCTSGTCOCNFRLWMSAAAPLCSADYHIVASCVAGIQ 876  
 Db 829 SLLPCTSGTCOCNFRLWMSAAAPLCSADYHIVASCVAGIQ 876  
 APPLICANT: Desnoyer, Luc  
 APPLICANT: Filvaroff, Ellen  
 APPLICANT: Gao Wei-Oiang  
 APPLICANT: Gerritsen, Mary E.  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Sherwood, Steven  
 APPLICANT: Smith, Victoria  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tumas, Daniel  
 APPLICANT: Watanabe, Colin K  
 APPLICANT: Wood, William  
 APPLICANT: Zhang, Zemin  
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME  
 FILE REFERENCE: P3330R1C160  
 CURRENT APPLICATION NUMBER: US1/0140-470  
 CURRENT FILING DATE: 2002-05-06  
 Prior Application removed - See Palm or File Wrapper  
 NUMBER OF SEQ ID NOS: 550  
 SEQ ID NO 38  
 LENGTH: 1013  
 TYPE: PRT  
 ORGANISM: Homo Sapien  
 FEATURE:  
 NAME/KEY: unsure  
 LOCATION: 877, 882  
 OTHER INFORMATION: unknown amino acid  
 US-10-140-470-38

Query Match 70.7%; Score 708; DB 9; Length 1013;  
 Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;  
 Matches 708; Conservative 0; MisMatches 0; Indels 0; Gaps 0;

QY 169 NTDECTATLMAVNLKQSGTUNFYYDPSSIFEFVONDQCPNADSRWMKTEKGW 228  
 Db 169 NTDECTATLMAVNLKQSGTUNFYYDPSSIFEFVONDQCPNADSRWMKTEKGW 228  
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 Qy 349 QLMYKWKPKCSEDLEGAVKLPSAGVKTHCPCCNPGEFKTNNSTQCPGYSNSDC 408  
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 Db 529 KGSKQKQSYTYIIEENTTSFWAORTTPEASRYKTYNDVAKLYSINTNVNGVASYC 588  
 Qy 529 KGSKQKQSYTYIIEENTTSFWAORTTPEASRYKTYNDVAKLYSINTNVNGVASYC 588  
 Db 589 RPCALEASDVGSCTSCPAGYIDRDSGTCHSCCPNPGFKTNNSTQCPGYSNSDC 648  
 Qy 589 RPCALEASDVGSCTSCPAGYIDRDSGTCHSCCPNPGFKTNNSTQCPGYSNSDC 648  
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 Qy 829 SLLPCTSGTCOCNFRLWMSAAAPLCSADYHIVASCVAGIQ 876  
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 APPLICANT: Desnoyer, Luc  
 APPLICANT: Filvaroff, Ellen  
 APPLICANT: Gao Wei-Oiang  
 APPLICANT: Gerritsen, Mary E.  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Sherwood, Steven  
 APPLICANT: Smith, Victoria  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tumas, Daniel  
 APPLICANT: Watanabe, Colin K  
 APPLICANT: Wood, William  
 APPLICANT: Zhang, Zemin  
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME  
 FILE REFERENCE: P3330R1C160  
 CURRENT APPLICATION NUMBER: US1/0140-470  
 CURRENT FILING DATE: 2002-05-06  
 Prior Application removed - See Palm or File Wrapper  
 NUMBER OF SEQ ID NOS: 550  
 SEQ ID NO 38  
 LENGTH: 1013  
 TYPE: PRT  
 ORGANISM: Homo Sapien  
 FEATURE:  
 NAME/KEY: unsure  
 LOCATION: 877, 882  
 OTHER INFORMATION: unknown amino acid  
 US-10-140-470-38

Query Match 70.7%; Score 708; DB 9; Length 1013;  
 Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;  
 Matches 708; Conservative 0; MisMatches 0; Indels 0; Gaps 0;

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 Db 829 SLLPCTSGTCOCNFRLWMSAAAPLCSADYHIVASCVAGIQ 876  
 APPLICANT: Desnoyer, Luc  
 APPLICANT: Filvaroff, Ellen  
 APPLICANT: Gao Wei-Oiang  
 APPLICANT: Gerritsen, Mary E.  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Sherwood, Steven  
 APPLICANT: Smith, Victoria  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tumas, Daniel  
 APPLICANT: Watanabe, Colin K  
 APPLICANT: Wood, William  
 APPLICANT: Zhang, Zemin  
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME  
 FILE REFERENCE: P3330R1C160  
 CURRENT APPLICATION NUMBER: US1/0140-470  
 CURRENT FILING DATE: 2002-05-06  
 Prior Application removed - See Palm or File Wrapper  
 NUMBER OF SEQ ID NOS: 550  
 SEQ ID NO 38  
 LENGTH: 1013  
 TYPE: PRT  
 ORGANISM: Homo Sapien  
 FEATURE:  
 NAME/KEY: unsure  
 LOCATION: 877, 882  
 OTHER INFORMATION: unknown amino acid  
 US-10-140-470-38

Query Match 70.7%; Score 708; DB 9; Length 1013;  
 Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;  
 Matches 708; Conservative 0; MisMatches 0; Indels 0; Gaps 0;

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 APPLICANT: Desnoyer, Luc  
 APPLICANT: Filvaroff, Ellen  
 APPLICANT: Gao Wei-Oiang  
 APPLICANT: Gerritsen, Mary E.  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Sherwood, Steven  
 APPLICANT: Smith, Victoria  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tumas, Daniel  
 APPLICANT: Watanabe, Colin K  
 APPLICANT: Wood, William  
 APPLICANT: Zhang, Zemin  
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME  
 FILE REFERENCE: P3330R1C160  
 CURRENT APPLICATION NUMBER: US1/0140-470  
 CURRENT FILING DATE: 2002-05-06  
 Prior Application removed - See Palm or File Wrapper  
 NUMBER OF SEQ ID NOS: 550  
 SEQ ID NO 38  
 LENGTH: 1013  
 TYPE: PRT  
 ORGANISM: Homo Sapien  
 FEATURE:  
 NAME/KEY: unsure  
 LOCATION: 877, 882  
 OTHER INFORMATION: unknown amino acid  
 US-10-140-470-38

Query Match 70.7%; Score 708; DB 9; Length 1013;  
 Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;  
 Matches 708; Conservative 0; MisMatches 0; Indels 0; Gaps 0;

QY 169 NTDECTATLMAVNLKQSGTUNFYYDPSSIFEFVONDQCPNADSRWMKTEKGW 228  
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 Qy 469 FMLILUVPGFRPPSMDENKEVARITPVEFTLCSCNLYFMVGNSRNTPWT 528  
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 Qy 529 KGSKQKQSYTYIIEENTTSFWAORTTPEASRYKTYNDVAKLYSINTNVNGVASYC 588  
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 Qy 589 RPCALEASDVGSCTSCPAGYIDRDSGTCHSCCPNPGFKTNNSTQCPGYSNSDC 648  
 Db 649 KHSLSLCYNDCTFSRNTPTFVNFSALANTVLAGPSFTSKGLKFHFTSLCGNQ 708  
 Qy 649 KHSLSLCYNDCTFSRNTPTFVNFSALANTVLAGPSFTSKGLKFHFTSLCGNQ 708  
 Db 649 KHSLSLCYNDCTFSRNTPTFVNFSALANTVLAGPSFTSKGLKFHFTSLCGNQ 708  
 Qy 709 RKMSTCNDTDLRIPEGSGRSKSITAYCOAVITPPEVTGKAGVSSOPVSADRIG 768  
 Db 769 VTPDMPLGTSRPLFHESLSPIDPVFFYNSNDVTOCSGSGRSTIRVRCSSQKTPG 828  
 Qy 769 VTPDMPLGTSRPLFHESLSPIDPVFFYNSNDVTOCSGSGRSTIRVRCSSQKTPG 828  
 Db 769 VTPDMPLGTSRPLFHESLSPIDPVFFYNSNDVTOCSGSGRSTIRVRCSSQKTPG 828  
 Qy 829 SLLPCTSGTCOCNFRLWMSAAAPLCSADYHIVASCVAGIQ 876  
 Db 829 SLLPCTSGTCOCNFRLWMSAAAPLCSADYHIVASCVAGIQ 876  
 APPLICANT: Desnoyer, Luc  
 APPLICANT: Filvaroff, Ellen  
 APPLICANT: Gao Wei-Oiang  
 APPLICANT: Gerritsen, Mary E.  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Sherwood, Steven  
 APPLICANT: Smith, Victoria  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tumas, Daniel  
 APPLICANT: Watanabe, Colin K  
 APPLICANT: Wood, William  
 APPLICANT: Zhang, Zemin  
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME  
 FILE REFERENCE: P3330R1C160  
 CURRENT APPLICATION NUMBER: US1/0140-470  
 CURRENT FILING DATE: 2002-05-06  
 Prior Application removed - See Palm or File Wrapper  
 NUMBER OF SEQ ID NOS: 550  
 SEQ ID NO 38  
 LENGTH: 1013  
 TYPE: PRT  
 ORGANISM: Homo Sapien  
 FEATURE:  
 NAME/KEY: unsure  
 LOCATION: 877, 882  
 OTHER INFORMATION: unknown amino acid  
 US-10-140-470-38

RESULT 4

US-10-140-470-38  
 Sequence 38, Application US/10140470  
 Publication No. US200302331A1  
 GENERAL INFORMATION:  
 APPLICANT: Baker, Kevin P.  
 APPLICANT: Bresini, Maureen  
 APPLICANT: DeForge, Laura

```

QY 769 VTTDMLDGTSPLBLFHESLGIPDVIFPFYRSVDTOSCSSRSTIRVRSPOKTVPG 768
Db 769 VTTMILDOIITSPLRFHESLGIPDVIFPFYRSVDTOSCSSRSTIRVRSPOKTVPG 828
QY 829 SLLPGTSDGTCDGCNFHFLWESAAACPLCSVADYHAIVSSCVAGIQ 876
Db 829 SLLPGTCSSGTCDCGNFHFLLWESAAACPLCSVADYHAIVSSCVAGIQ 876

RESULT 5
US-10-175-746-38
; Sequence 38, Application US/10175746
; Publication No. US20030027270A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watansabe, Colin K
; APPLICANT: Wood, William
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P33-0R1C53
CURRENT APPLICATION NUMBER: US10/175,746
PRIORITY APPLICATION NUMBER: US2002-06-19
NUMBER OF SEQ ID NOS.: 550
SEQ ID NO 38
LENGTH: 1013
TYPE: PRT
ORGANISM: Homo sapien
FEATURE:
NAME/KEY: unsure
LOCATION: 877, 882
OTHER INFORMATION: unknown amino acid
SIS-10-175-746-38

Query Match
Best Local Similarity 70.7%; Score 708; DB 9; Length 1013;
Matches 708; Conservative 0; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0
169 NTDECTATLMMAVNLQKOSGTVNFVEYYDPSSIIFFPVONDQCPNADSRPRMKTEKGW 228
169 NTDECTATLMMAVNLQKOSGTVNFVEYYDPSSIIFFPVONDQCPNADSRPRMKTEKGW 228
229 EFHSTELNRGNVLWRTTAFPSWTRKPKVPLVRLIAITGAWYSECFCKPGTYADQG 288
229 EFHSTELNRGNVLWRTTAFPSWTRKPKVPLVRLIAITGAWYSECFCKPGTYADQG 288
289 SFCKLCPANSYSNKGETSCHQCDDPKYSEKGGSSCNTRPACTDKDYFVTHACDANET 348
289 SFCKLCPANSYSNKGETSCHQCDDPKYSEKGGSSCNTRPACTDKDYFVTHACDANET 348
349 QLMYKWAKEKTCSDLEGAVKLPSAGVKHCPGKPNFGKTNISTCOPCPYSYSNSDC 408
349 QLMYKWAKEKTCSDLEGAVKLPSAGVKHCPGKPNFGKTNISTCOPCPYSYSNSDC 408
349 QLMYKWAKEKTCSDLEGAVKLPSAGVKHCPGKPNFGKTNISTCOPCPYSYSNSDC 408
409 TRCPAGTPEAVGFYKWNMTLPTMNETVLLGJINFEYKGMTEVAGDHITYTAGASND 468
409 TRCPAGTPEAVGFYKWNMTLPTMNETVLLGJINFEYKGMTEVAGDHITYTAGASND 468

```

Db	469	FMLILUVPGFRPQPSVMDTENKEVARITFVETLCSNCELYFMWGNRSRNTPTWTF	528
QY	529	KGSKQRQSYKTYIIDENTTSFTWAORTTPHEASRKYNDVAKIYSINTNWNGVASYC	588
Db	529	KGSKCKQSTYIIDENTTSFTWAORTTPHEASRKYNDVAKIYSINTNWNGVASYC	588
QY	589	RPCALEASVGSSTSCPGYYIDRGSTCHSCPPNTLKAHQPYGQACVCPGPGTKNN	648
Db	589	RPCALEASVGSSTCSCPAGYIDRDSTCHSCPPNTLKAHQPYGQACVCPGPGTKNN	648
QY	649	KINSLCYNDCTSRNTPTRTENNSALANTVLAGPSFTSKGLKLYFHHTLSLGNOQ	708
Db	649	KINSLCYNDCTSRNTPTRTENNSALANTVLAGPSFTSKGLKLYFHHTLSLGNOQ	708
QY	709	RKMSVCTDNVTLDRIPGEGSGSKSITAIVQAOAVIIPPEVYKAGVSSGPVSLADRLIG	768
Db	709	RKMSVCTDNVTLDRIPGEGSGSKSITAIVQAOAVIIPPEVYKAGVSSGPVSLADRLIG	768
QY	769	VTTDMTDLGDTSPAEHLHESLGLIPVIFYRSDNOTQSSSGRATIRRCSPORTVFG	828
Db	769	VTTDMTDLGDTSPAEHLHESLGLIPVIFYRSDNOTQSSSGRATIRRCSPORTVFG	828
QY	829	SLLPGTCSDGTDGENFHFWESAACPCPSVADYHAIWSSCAGIO	876
Db	829	SLLPGTCSDGTDGENFHFWESAACPCPSVADYHAIWSSCAGIO	876

Sequence 38, Application US/10176918  
Publication No. US20030027275A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Bersini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Geertruis, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Stewart, Victoria  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SACRED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P333\_091C32  
CURRENT APPLICATION NUMBER: US10176.918  
CURRENT FILING DATE: 2002-06-20  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 38  
LENGTH: 1013  
TYPE: PRT  
ORGANISM: Homo Sapien  
FEATURE:  
NAME/KEY: unsure  
LOCATION: 877, 882  
OTHER INFORMATION: unknown amino acid

US-10-176-918-38

Tue Apr 22 16:18:07 2003

us-10-046-433-40.oligo.rapb

FILE REFERENCE: P333031C288  
 CURRENT APPLICATION NUMBER: US/10/176,921  
 CURRENT FILING DATE: 2002-06-20  
 ; prior Application removed - See File Wrapper or Palm  
 NUMBER OF SEQ ID NOS: 550

SEQ ID NO 38  
 LENGTH: 1013  
 TYPE: PRT  
 ORGANISM: Homo Sapien  
 FEATURE:  
 NAME/KEY: unsure  
 LOCATION: 877, 882  
 OTHER INFORMATION: unknown amino acid

US-10-176-921-38

Query Match Similarity 70.7%; Score 708; DB 9; Length 1013;  
 Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;

Matches 708; Conservative 0; Stringent 0

Query 169 NTDECATLAVNLQKSGTVNFEVYPPSSIFFFFVONDQCPNADDSRMKTEKGW 228  
 Db 169 NTDECATLAVNLQKSGTVNFEVYPPSSIFFFFVONDQCPNADDSRMKTEKGW 228

Query 229 EFHSELNRGNNVLYMRTAFSVWTKVKPVLVRNIAITGVATSECPCPKGTYADKG 288  
 Db 229 EFHSELNRGNNVLYMRTAFSVWTKVKPVLVRNIAITGVATSECPCPKGTYADKG 288

Query 289 SSFKLCPANSYNGKGETSCHQCDPKYSEKGSSCNVRPACTDKDVFYTHACDANGET 348  
 Db 289 SSFKLCPANSYNGKGETSCHQCDPKYSEKGSSCNVRPACTDKDVFYTHACDANGET 348

Query 349 QLMYKWAQPKICSDLEGAVKLPSAGVKTHCPNCPPKTNSTCOPCPYGSNSDC 408  
 Db 349 QLMYKWAQPKICSDLEGAVKLPSAGVKTHCPNCPPKTNSTCOPCPYGSNSDC 408

Query 409 TRCPAGTEPAVGFEKWMNLTPTMETTIVSGINFEYKGMTCWEVAGDHITYAGASND 468  
 Db 409 TRCPAGTEPAVGFEKWMNLTPTMETTIVSGINFEYKGMTCWEVAGDHITYAGASND 468

Query 469 FMILTLVUPGRPPOSWMADTENKEVARITFVETLCSVNCLELYFMVGUNSRNTPVETW 528  
 Db 469 FMILTLVUPGRPPOSWMADTENKEVARITFVETLCSVNCLELYFMVGUNSRNTPVETW 528

Query 529 KGSKGKQSYTYIIEENTTSFTWAFORTFHEASKRTNDVAKISINVINVNGVASYC 588  
 Db 529 KGSKGKQSYTYIIEENTTSFTWAFORTFHEASKRTNDVAKISINVINVNGVASYC 588

Query 589 RCPALAEVDVGSCTSCPAGYIDRASGTCHSCPNTILAKHQYQVACVCPGGTKNN 648  
 Db 589 RCPALAEVDVGSCTSCPAGYIDRASGTCHSCPNTILAKHQYQVACVCPGGTKNN 648

Query 649 KHSCLYNDCTSRSNTPTRFNNSALANTVLAGGSFTSKGLKFHFTSLCGNOG 708  
 Db 649 KHSCLYNDCTSRSNTPTRFNNSALANTVLAGGSFTSKGLKFHFTSLCGNOG 708

Query 709 RKMVCSTDVTDLRIPEGESGSKSTAVQCAVTPRTFHEASKRTNDVAKISINVINVNGVASYC 768  
 Db 709 RKMVCSTDVTDLRIPEGESGSKSTAVQCAVTPRTFHEASKRTNDVAKISINVINVNGVASYC 768

Query 769 VTTDMTDIGITSPAELPHLESIGDPDVIFYFRNDYTQCSGSGSTIRRCSPORTVPG 828  
 Db 769 VTTDMTDIGITSPAELPHLESIGDPDVIFYFRNDYTQCSGSGSTIRRCSPORTVPG 828

Query 829 SLLPGTCSGTCDCGNCFFLWWSAACPLCSVADYHAIVSCVAGIQ 876  
 Db 829 SLLPGTCSGTCDCGNCFFLWWSAACPLCSVADYHAIVSCVAGIQ 876

RESULT 7  
 US-10-176-921-38

; Sequence 38, Application US/10176921  
 ; Publication No. US20030027276A1

GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Bersini, Maureen  
 ; APPLICANT: Deroge, Laura  
 ; APPLICANT: Desnoyer, Luc  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Gao, Wei-Olang  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Sherwood, Steven  
 ; APPLICANT: Smith, Victoria  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tunas, Daniel  
 ; APPLICANT: Watanabe, Colin K  
 ; APPLICANT: Wood, William  
 ; APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

RESULT 8  
 US-10-137-865-38  
 ; Sequence 38, Application US/10137865  
 ; Publication No. US20030032155A1  
 ; GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
 APPLICANT: Beresini, Maureen  
 APPLICANT: DeForge, Laura  
 APPLICANT: Destroyer, Luc  
 APPLICANT: Filovroff, Ellen  
 APPLICANT: Gao, Wei-Qiang  
 APPLICANT: Gerritsen, Mary E.  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Sherwood, Steven  
 APPLICANT: Smith, Victoria  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tumas, Daniel  
 APPLICANT: Watanabe, Colin K.  
 APPLICANT: Wood, William  
 APPLICANT: Zhen, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C154

CURRENT APPLICATION NUMBER: US/10/137, 865

PRIOR APPLICATION removed - See Palm or File Wrapper

NUMBER OF SEQ ID NOS: 550

SEQ ID NO: 38

LENGTH: 1013

TYPE: PRT

ORGANISM: Homo Sapien

FEATURE:

NAME/KEY: unsure

LOCATION: 877, 882

OTHER INFORMATION: unknown amino acid

US-10-137-865-38

Query Match

Best Local Similarity 70.7%; Score 708; DB 9; Length 1013;

Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 NDECTATLIVANLKGSTNFEVYYPDSIIEFFVONDQOPNAQDRMKITTEKGW 228

DB 169 NDECTATLIVANLKGSTNFEVYYPDSIIEFFVONDQOPNAQDRMKITTEKGW 228

QY 229 ERHSVELNRRGNVLYKRTTAFSWTKVKPVLVNLVNTAATGVATGVSSECPCKGTADKG 288

DB 229 ERHSVELNRRGNVLYKRTTAFSWTKVKPVLVNLVNTAATGVATGVSSECPCKGTADKG 288

QY 289 SSFCKLCPANSYSNKGTSCHQCDPKYSEKGSSCNVRPACTDKYFTHTADANGET 348

DB 289 SSFCKLCPANSYSNKGTSCHQCDPKYSEKGSSCNVRPACTDKYFTHTADANGET 348

QY 349 QLMYKWKPKCISSELEGAVKLPSAGVKTHCPCPNPGFKTNSTCOPCPYGSNSDC 408

DB 349 QLMYKWKPKCISSELEGAVKLPSAGVKTHCPCPNPGFKTNSTCOPCPYGSNSDC 408

QY 409 TRCPAGTERAVGKTYKWNTLPNNMETTLVGLINFEVYKGMIGWEVAGDHYTTAGASIND 468

DB 409 TRCPAGTERAVGKTYKWNTLPNNMETTLVGLINFEVYKGMIGWEVAGDHYTTAGASIND 468

QY 469 FMLILWVFGFRPOSTMADTENKEVARITVEFLCSVNCVLFMVGNSRNTPYETW 528

DB 469 FMLILWVFGFRPOSTMADTENKEVARITVEFLCSVNCVLFMVGNSRNTPYETW 528

QY 529 KGKGKGSQYTYIIEENTTSFWAFTTHEAKRYTNDVAKYLSINTNTNGTASYC 588

DB 529 KGKGKGSQYTYIIEENTTSFWAFTTHEAKRYTNDVAKYLSINTNTNGTASYC 588

QY 589 RCGALEASDVSSCTSPAGYIIRDSGTCCHSCPNTLKAHQYGVQACVPCGEGTNN 648

DB 589 RCGALEASDVSSCTSPAGYIIRDSGTCCHSCPNTLKAHQYGVQACVPCGEGTNN 648

QY 649 KHSCLCYNDCTFSRNPTRTNTFSALANTVLAGPSFTSKGLQYFHRTLSLGNOQ 708

DB 649 KHSCLCYNDCTFSRNPTRTNTFSALANTVLAGPSFTSKGLQYFHRTLSLGNOQ 708

RESULT 9

US-10-140-474-38

Sequence 38, Application US/10/140474

Publication No. US20030032156A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Destroyer, Luc

APPLICANT: Filovroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K.

APPLICANT: Wood, William

APPLICANT: Zhen, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C162

CURRENT APPLICATION NUMBER: US/10/140, 474

PRIOR APPLICATION removed - See Palm or File Wrapper

NUMBER OF SEQ ID NOS: 550

SEQ ID NO: 38

LENGTH: 1013

TYPE: PRT

ORGANISM: Homo Sapien

FEATURE:

NAME/KEY: unsure

LOCATION: 877, 882

OTHER INFORMATION: unknown amino acid

US-10-140-474-38

Query Match

Best Local Similarity 70.7%; Score 708; DB 9; Length 1013;

Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 NDECTATLIVANLKGSTNFEVYYPDSIIEFFVONDQOPNAQDRMKITTEKGW 228

DB 169 NDECTATLIVANLKGSTNFEVYYPDSIIEFFVONDQOPNAQDRMKITTEKGW 228

QY 229 ERHSVELNRRGNVLYKRTTAFSWTKVKPVLVNLVNTAATGVATGVSSECPCKGTADKG 288

DB 229 ERHSVELNRRGNVLYKRTTAFSWTKVKPVLVNLVNTAATGVATGVSSECPCKGTADKG 288

QY 289 SSFCKLCPANSYSNKGTSCHQCDPKYSEKGSSCNVRPACTDKYFTHTADANGET 348

DB 289 SSFCKLCPANSYSNKGTSCHQCDPKYSEKGSSCNVRPACTDKYFTHTADANGET 348

QY 349 QLMYKWKPKCISSELEGAVKLPSAGVKTHCPCPNPGFKTNSTCOPCPYGSNSDC 408

DB 349 QLMYKWKPKCISSELEGAVKLPSAGVKTHCPCPNPGFKTNSTCOPCPYGSNSDC 408

QY 409 TRCPAGTEPAVGFPEKYWMNTLPTMNETVLSINFEYKGMGTGWEAGDHITYAAGASND 468  
Db 409 TRCPAGTEPAVGFPEKYWMNTLPTMNETVLSINFEYKGMGTGWEAGDHITYAAGASND 468  
QY 469 FMIILTVLWPGFRPPQSVMADTENKEVARITIVFPEFLCSVNBLYFNGVNSRINTNPVETW 528  
Db 469 FMIILTVLWPGFRPPQSVMADTENKEVARITIVFPEFLCSVNBLYFNGVNSRINTNPVETW 528  
QY 529 KGSKGKQSYTYIIEENTTISFTWAQORTFHAEASKRYNDVAKIYSINTVNMNGVASYC 588  
Db 529 KGSKGKQSYTYIIEENTTISFTWAQORTFHAEASKRYNDVAKIYSINTVNMNGVASYC 588  
QY 589 RCPALEASDVGSCTSCPAGYIIDRSGTCSCPPNITKAHQPYGVOACTCPGPGTKNN 648  
Db 589 RCPALEASDVGSCTSCPAGYIIDRSGTCSCPPNITKAHQPYGVOACTCPGPGTKNN 648  
QY 649 KHSILCYNDCTFSRNTPTFNYNSALANTVLAGPSFTSKGLKYFHHFTLSLGNQ 708  
Db 649 KHSILCYNDCTFSRNTPTFNYNSALANTVLAGPSFTSKGLKYFHHFTLSLGNQ 708  
QY 709 RKMVSCTDNVTDLRIPEGSGFSKISITAVCQAVIPEPVGKAGYSSQVSLADRIG 768  
Db 709 RKMVSCTDNVTDLRIPEGSGFSKISITAVCQAVIPEPVGKAGYSSQVSLADRIG 768  
QY 769 VTTDMPLDGITSPAELFHLLESGLPDIFFYRSNDVQSCSGSRSTTIRVRCSPQKTVPG 828  
Db 769 VTTDMPLDGITSPAELFHLLESGLPDIFFYRSNDVQSCSGSRSTTIRVRCSPQKTVPG 828  
QY 829 SILLPGTSDGTCDCGNCNFHFLWESAAACPLCSVADYHAIVSCVAGIQ 876  
Db 829 SILLPGTSDGTCDCGNCNFHFLWESAAACPLCSVADYHAIVSCVAGIQ 876

RESULT 10  
US-10-142-431-38  
; Sequence 38, Application US/10142431  
; Publication No. US20030036179A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watansabe, Colin K.  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3330R1C251  
; CURRENT APPLICATION NUMBER: US/10/142,431  
; CURRENT FILING DATE: 2002-05-10  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 38  
; LENGTH: 1013  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
; FEATURE:  
; NAME/KEY: unsure  
; LOCATION: 877, 882  
; OTHER INFORMATION: unknown amino acid -  
; US-10-142-431-38

Query Match 70.7%; Score 708; DB 9; Length 1013;

---

Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;  
Matches 708; Conservative 0; MisMatches 0; Indels 0; Gaps 0;

QY 169 NTDECATATMYANLKGSGTGVNFYVEYYFDSS1IPEFFVONDCCOPNADDSRWKTTBKGW 228  
Db 169 NTDECATATMYANLKGSGTGVNFYVEYYFDSS1IPEFFVONDCCOPNADDSRWKTTBKGW 228  
QY 229 EFHSELVELRGNTLYWRTTAFSYWTQVKPKPVLRNTAIGVAVTSECFCPKCKGYADQK 288  
Db 229 EFHSELVELRGNTLYWRTTAFSYWTQVKPKPVLRNTAIGVAVTSECFCPKCKGYADQK 288  
QY 289 SFCKLCPANSYSKGSCHQDPDKISEKSSSCNVRPACTDKOYFYTIACDANGET 348  
Db 289 SFCKLCPANSYSKGSCHQDPDKISEKSSSCNVRPACTDKOYFYTIACDANGET 348  
QY 349 QLMYKMKAKRICKCSDLEGAVKLFASGVKTHCPCKPNFPRKTMNSTCPCPKYSSNSDC 408  
Db 349 QLMYKMKAKRICKCSDLEGAVKLFASGVKTHCPCKPNFPRKTMNSTCPCPKYSSNSDC 408  
QY 409 TRCPAGTEPAVGFPEKYWMNTLPTMNETVLSINFEYKGMGTGWEAGDHITYAAGASND 468  
Db 409 TRCPAGTEPAVGFPEKYWMNTLPTMNETVLSINFEYKGMGTGWEAGDHITYAAGASND 468  
QY 469 FMIILTVLWPGFRPPQSVMADTENKEVARITIVFPEFLCSVNBLYFNGVNSRINTNPVETW 528  
Db 469 FMIILTVLWPGFRPPQSVMADTENKEVARITIVFPEFLCSVNBLYFNGVNSRINTNPVETW 528  
QY 529 KGSKGKQSYTYIIEENTTISFTWAQORTFHAEASKRYNDVAKIYSINTVNMNGVASYC 588  
Db 529 KGSKGKQSYTYIIEENTTISFTWAQORTFHAEASKRYNDVAKIYSINTVNMNGVASYC 588  
QY 589 RCPALEASDVGSCTSCPAGYIIDRSGTCSCPPNITKAHQPYGVOACTCPGPGTKNN 648  
Db 589 RCPALEASDVGSCTSCPAGYIIDRSGTCSCPPNITKAHQPYGVOACTCPGPGTKNN 648  
QY 649 KHSILCYNDCTFSRNTPTFNYNSALANTVLAGPSFTSKGLKYFHHFTLSLGNQ 708  
Db 649 KHSILCYNDCTFSRNTPTFNYNSALANTVLAGPSFTSKGLKYFHHFTLSLGNQ 708  
QY 709 RKMVSCTDNVTDLRIPEGSGFSKISITAVCQAVIPEPVGKAGYSSQVSLADRIG 768  
Db 709 RKMVSCTDNVTDLRIPEGSGFSKISITAVCQAVIPEPVGKAGYSSQVSLADRIG 768  
QY 769 VTTDMPLDGITSPAELFHLLESGLPDIFFYRSNDVQSCSGSRSTTIRVRCSPQKTVPG 828  
Db 769 VTTDMPLDGITSPAELFHLLESGLPDIFFYRSNDVQSCSGSRSTTIRVRCSPQKTVPG 828  
QY 829 SILLPGTSDGTCDCGNCNFHFLWESAAACPLCSVADYHAIVSCVAGIQ 876  
Db 829 SILLPGTSDGTCDCGNCNFHFLWESAAACPLCSVADYHAIVSCVAGIQ 876

RESULT 11  
US-10-143-114-38  
; Sequence 38, Application US/10143114  
; Publication No. US20030036180A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watansabe, Colin K.  
; APPLICANT: Wood, William

APPLICANT: Zhang, Zemin  
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 FILE REFERENCE: P330R1C211  
 CURRENT FILING DATE: 2002-05-09  
 SEQ ID NO: 38  
 LENGTH: 1013  
 TYPE: PRY  
 ORGANISM: Homo sapien  
 FEATURE:  
 NAME/KEY: unsure  
 LOCATION: 877, 882  
 OTHER INFORMATION: unknown amino acid  
 US-10-143-114-38

Query Match 70.7%; Score 708; DB 9; Length 1013;  
 Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;  
 Matches 708; Conservative 0; Pairs 0; Gaps 0;

Qy 169 NTDECATLMLAVNLKQSGTVAFFYYPPDSSTEFFVONDQOCQPNADSRWMKTEKGW 228  
 Db 169 NTDECATLMLAVNLKQSGTVAFFYYPPDSSTEFFVONDQOCQPNADSRWMKTEKGW 228

Qy 229 EFHSVELNRGNNVLYWRITAFSVMWKPVLPVNLIAITGVAYTSECPCKPGTYADKQ 288  
 Db 229 EFHSVELNRGNNVLYWRITAFSVMWKPVLPVNLIAITGVAYTSECPCKPGTYADKQ 288

Qy 289 SSFCKLCPANSYSNKGTSCHQCDPKYSEKSSCNVRPACTDQDYFTHTACDANGET 348  
 Db 289 SSFCKLCPANSYSNKGTSCHQCDPKYSEKSSCNVRPACTDQDYFTHTACDANGET 348

Qy 349 QLMYKWAQPKCISDELAGAVKLQASGKTHCPCPNPGFPKTNNSTCOPCPYGSYSNSDC 408  
 Db 349 QLMYKWAQPKCISDELAGAVKLQASGKTHCPCPNPGFPKTNNSTCOPCPYGSYSNSDC 408

Qy 409 TRCPAGTEPAVGFEKYWNNTLPNTMENETVLQSGINFEYKGMTCWEAGDHITYAAGASND 468  
 Db 409 TRCPAGTEPAVGFEKYWNNTLPNTMENETVLQSGINFEYKGMTCWEAGDHITYAAGASND 468

Qy 469 FMILITLVPGFRPPQSMADTENKEVARITYFETLCSVNCLEYFMVGNSRTNPVETW 528  
 Db 469 FMILITLVPGFRPPQSMADTENKEVARITYFETLCSVNCLEYFMVGNSRTNPVETW 528

Qy 529 KGSKKGQSYTTIIEENTTSFWAORTTFAEASKRYTDVAKISINTNWANGVASYC 588  
 Db 529 KGSKKGQSYTTIIEENTTSFWAORTTFAEASKRYTDVAKISINTNWANGVASYC 588

Qy 589 RPCALEASDVQSSCSCPAGYIIDRDGTCHSCPNTILKAHQPYGVQACVPGCGPTKNN 648  
 Db 589 RPCALEASDVQSSCSCPAGYIIDRDGTCHSCPNTILKAHQPYGVQACVPGCGPTKNN 648

Qy 649 KIHSGCYNDCTFSRNPTRTENYNFSLANTVTLAGPSFTSKGLKXPHRTLSQGNQ 708  
 Db 649 KIHSGCYNDCTFSRNPTRTENYNFSLANTVTLAGPSFTSKGLKXPHRTLSQGNQ 708

Qy 709 RKMSTCNDTNYDLRIPGESESFSKSITAYQAVLIPPEFTGKQGVSSQPSLADRIG 768  
 Db 709 RKMSTCNDTNYDLRIPGESESFSKSITAYQAVLIPPEFTGKQGVSSQPSLADRIG 768

Qy 769 VTTDMDLGTSPLAFLHESLGLIDPVIFFRSNQDTQSSSGRSTTIRVRCSPQTKPG 828  
 Db 769 VTTDMDLGTSPLAFLHESLGLIDPVIFFRSNQDTQSSSGRSTTIRVRCSPQTKPG 828

Qy 829 SLLPQGSDCJENPHFWESAAACPCISVAYHATVSSCVGIO 876  
 Db 829 SLLPQGSDCJENPHFWESAAACPCISVAYHATVSSCVGIO 876

RESULT 12  
 US-10-140-002-38

; Sequence 38, Application US/10140002  
 ; Publication No. US20030037623A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Berezini, Maureen  
 ; APPLICANT: DeForge, Laura  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Gerrittsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Sherwood, Steven  
 ; APPLICANT: Smith, Victoria  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tuma, Daniel  
 ; APPLICANT: Watansabe, Colin K  
 ; APPLICANT: Wood, William  
 APPLICANT: Zhang, Zemin  
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 FILE REFERENCE: P330R1C59  
 CURRENT FILING NUMBER: US/10/140,002  
 \* Prior Application removed - See Palm or File Wrapper  
 NUMBER OF SEQ ID NOS: 550  
 SEQ ID NO: 38  
 LENGTH: 1013  
 TYPE: PRY  
 ORGANISM: Homo sapien  
 FEATURE:  
 NAME/KEY: unsure  
 LOCATION: 877, 882  
 OTHER INFORMATION: unknown amino acid  
 US-10-140-002-38

Query Match 70.7%; Score 708; DB 9; Length 1013;  
 Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;  
 Matches 708; Conservative 0; Pairs 0; Gaps 0;

Qy 169 NTDECATLMLAVNLKQSGTVAFFYYPPDSSTEFFVONDQOCQPNADSRWMKTEKGW 228  
 Db 169 NTDECATLMLAVNLKQSGTVAFFYYPPDSSTEFFVONDQOCQPNADSRWMKTEKGW 228

Qy 229 EFHSVELNRGNNVLYWRITAFSVMWKPVLPVNLIAITGVAYTSECPCKPGTYADKQ 288  
 Db 229 EFHSVELNRGNNVLYWRITAFSVMWKPVLPVNLIAITGVAYTSECPCKPGTYADKQ 288

Qy 289 SSFCKLCPANSYSNKGTSCHQCDPKYSEKSSCNVRPACTDQDYFTHTACDANGET 348  
 Db 289 SSFCKLCPANSYSNKGTSCHQCDPKYSEKSSCNVRPACTDQDYFTHTACDANGET 348

Qy 349 QLMYKWAQPKCISDELAGAVKLQASGKTHCPCPNPGFPKTNNSTCOPCPYGSYSNSDC 408  
 Db 349 QLMYKWAQPKCISDELAGAVKLQASGKTHCPCPNPGFPKTNNSTCOPCPYGSYSNSDC 408

Qy 409 TRCPAGTEPAVGFEKYWNNTLPNTMENETVLQSGINFEYKGMTCWEAGDHITYAAGASND 468  
 Db 409 TRCPAGTEPAVGFEKYWNNTLPNTMENETVLQSGINFEYKGMTCWEAGDHITYAAGASND 468

Qy 469 FMILITLVPGFRPPQSMADTENKEVARITYFETLCSVNCLEYFMVGNSRTNPVETW 528  
 Db 469 FMILITLVPGFRPPQSMADTENKEVARITYFETLCSVNCLEYFMVGNSRTNPVETW 528

Qy 529 KGSKKGQSYTTIIEENTTSFWAORTTFAEASKRYTDVAKISINTNWANGVASYC 588  
 Db 529 KGSKKGQSYTTIIEENTTSFWAORTTFAEASKRYTDVAKISINTNWANGVASYC 588

Qy 589 RPCALEASDVQSSCSCPAGYIIDRDGTCHSCPNTILKAHQPYGVQACVPGCGPTKNN 648  
 Db 589 RPCALEASDVQSSCSCPAGYIIDRDGTCHSCPNTILKAHQPYGVQACVPGCGPTKNN 648

Qy 649 KIHSGCYNDCTFSRNPTRTENYNFSLANTVTLAGPSFTSKGLKXPHRTLSQGNQ 708  
 Db 649 KIHSGCYNDCTFSRNPTRTENYNFSLANTVTLAGPSFTSKGLKXPHRTLSQGNQ 708

Qy 709 RKMSTCNDTNYDLRIPGESESFSKSITAYQAVLIPPEFTGKQGVSSQPSLADRIG 768  
 Db 709 RKMSTCNDTNYDLRIPGESESFSKSITAYQAVLIPPEFTGKQGVSSQPSLADRIG 768

Qy 769 VTTDMDLGTSPLAFLHESLGLIDPVIFFRSNQDTQSSSGRSTTIRVRCSPQTKPG 828  
 Db 769 VTTDMDLGTSPLAFLHESLGLIDPVIFFRSNQDTQSSSGRSTTIRVRCSPQTKPG 828

Qy 829 SLLPQGSDCJENPHFWESAAACPCISVAYHATVSSCVGIO 876  
 Db 829 SLLPQGSDCJENPHFWESAAACPCISVAYHATVSSCVGIO 876

RESULT 12  
 US-10-140-002-38

RESULT 13  
US-10-142-419-38

; Sequence 38, Application US/10142419  
; Publication No. US20030044945A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeJorge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Stewart, Victoria  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330RIC244

; CURRENT APPLICATION NUMBER: US/10/142,419

; CURRENT FILING DATE: 2002-05-10

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 38

; LENGTH: 1013

; TYPE: PRT

; ORGANISM: Homo Sapien

; FEATURE:

; LOCATION: unbure

; OTHER INFORMATION: unknown amino acid

US-10-142-419-38

Query Match 70.7%; Score 708; DB 9; length 1013;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 649 KIHSLCYNDCTSRRNTPTRTFVNPFNSALANTTLAGGSPFSKGLKFHHTLSCPGNQ 708  
Db 649 KIHSLCYNDCTSRRNTPTRTFVNPFNSALANTTLAGGSPFSKGLKFHHTLSCPGNQ 708

QY 709 RKSVCVCDNVTDIRIPECEGSKSITAYCQAVIPPEVYKAGVSSQVSADRLIG 768  
Db 709 RKSVCVCDNVTDIRIPECEGSKSITAYCQAVIPPEVYKAGVSSQVSADRLIG 768

QY 769 VTTDMTLDGITSPAELFLESIGDIPDVIFYRSNDVTOQSCSGRSTIRVRCSPQKIVPG 828  
Db 769 VTTDMTLDGITSPAELFLESIGDIPDVIFYRSNDVTOQSCSGRSTIRVRCSPQKIVPG 828

QY 829 SLLPGTCSGDGCGNFHFLWESAAACPLCSVADYHAIVSSCVAGIQ 876  
Db 829 SLLPGTCSGDGCGNFHFLWESAAACPLCSVADYHAIVSSCVAGIQ 876

RESULT 14  
US-10-123-262-38

; Sequence 38, Application US/10123262  
; Publication No. US20030049816A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeJorge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Stewart, Victoria  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330RIC38

; CURRENT APPLICATION NUMBER: US/10/123,262

; CURRENT FILING DATE: 2002-04-15

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 38

; LENGTH: 1013

; TYPE: PRT

; ORGANISM: Homo Sapien

; FEATURE:

; LOCATION: unbure

; OTHER INFORMATION: unknown amino acid

QY 349 QLMYKWAKEKICSEBDLBEAKVLASGVKTHCPNCGRFKINSTCOPCPGYSNGSDC 408  
Db 349 QLMYKWAKEKICSEBDLBEAKVLASGVKTHCPNCGRFKINSTCOPCPGYSNGSDC 408

QY 409 TRCPAGTERAVGEGYKWNTLPTNMETVLSGTNEFYKGMTCWEAVGHDIVAGASND 468  
Db 409 TRCPAGTERAVGEGYKWNTLPTNMETVLSGTNEFYKGMTCWEAVGHDIVAGASND 468

QY 469 FMILTVPGFRPPOSVMADENKEVARITFPEFTCSVNCLELYFMVGUNSRNTVETW 528  
Db 469 FMILTVPGFRPPOSVMADENKEVARITFPEFTCSVNCLELYFMVGUNSRNTVETW 528

QY 529 KGSKKGKOSTYIILENTTSFWAFORTFHASKRTINDVAKISINVTMANGASYC 588  
Db 529 KGSKKGKOSTYIILENTTSFWAFORTFHASKRTINDVAKISINVTMANGASYC 588

QY 589 RCPALEASDVGSSCTSCPGAYIDRDGTCGSCPPNTLKAHQPYGVOACVCPGPGTKNN 648  
Db 589 RCPALEASDVGSSCTSCPGAYIDRDGTCGSCPPNTLKAHQPYGVOACVCPGPGTKNN 648

QY 649 KIHSLCYNDCTSRRNTPTRTFVNPFNSALANTTLAGGSPFSKGLKFHHTLSCPGNQ 708  
Db 649 KIHSLCYNDCTSRRNTPTRTFVNPFNSALANTTLAGGSPFSKGLKFHHTLSCPGNQ 708

QY 709 RKSVCVCDNVTDIRIPECEGSKSITAYCQAVIPPEVYKAGVSSQVSADRLIG 768  
Db 709 RKSVCVCDNVTDIRIPECEGSKSITAYCQAVIPPEVYKAGVSSQVSADRLIG 768

QY 769 VTTDMTLDGITSPAELFLESIGDIPDVIFYRSNDVTOQSCSGRSTIRVRCSPQKIVPG 828  
Db 769 VTTDMTLDGITSPAELFLESIGDIPDVIFYRSNDVTOQSCSGRSTIRVRCSPQKIVPG 828

QY 829 SLLPGTCSGDGCGNFHFLWESAAACPLCSVADYHAIVSSCVAGIQ 876  
Db 829 SLLPGTCSGDGCGNFHFLWESAAACPLCSVADYHAIVSSCVAGIQ 876

US-10-123-262-38

Query Match 70.7%; Score 708; DB 9; Length 1013;  
 Best Local Similarity 100.0%; Pred. No. 0;  
 Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 169 NTDECTATLMLAVNLKOSGTNFEYYPDSS1IEFPVQNDQCPNADDSRMKTEKGW 228  
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
 Db 169 NTDECTATLMLAVNLKOSGTNFEYYPDSS1IEFPVQNDQCPNADDSRMKTEKGW 228

Qy 229 EHTSVELARGNNUYLWRTTAFSTWKPKVPLVRNIAITGVAITSECPCKGTYADKG 288  
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
 Db 229 EHTSVELARGNNUYLWRTTAFSTWKPKVPLVRNIAITGVAITSECPCKGTYADKG 288  
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
 Qy 289 SSFCKLCPANSNKGETSCHOCDPKYSEKGSSCNVRPACTDKDVFYTACDANGET 348  
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
 Db 289 SSFCKLCPANSNKGETSCHOCDPKYSEKGSSCNVRPACTDKDVFYTACDANGET 348  
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
 Qy 349 QLMYKWAKPKICSEDLGAVKLPASGVKTHCPNCNPSPFTKTNSTCOPCPGYSYNSDC 408  
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
 Db 349 QLMYKWAKPKICSEDLGAVKLPASGVKTHCPNCNPSPFTKTNSTCOPCPGYSYNSDC 408  
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
 Qy 409 TRCPAGTERPAVGFEKYWNNTLPINMETVTLGINSINFYKGMTCHEVAGDHIAAGASND 468  
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
 Db 409 TRCPAGTERPAVGFEKYWNNTLPINMETVTLGINSINFYKGMTCHEVAGDHIAAGASND 468  
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
 Qy 469 FMLILWPGFRPOSMDATENKEVARITFVETLCSVNCEIYFMGVNSRNTNPETW 528  
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
 Db 469 FMLILWPGFRPOSMDATENKEVARITFVETLCSVNCEIYFMGVNSRNTNPETW 528  
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
 Qy 529 KGSKGKOSYTYIIEENTTSFTWAORTTFHEASKRTNDVAKIYSINTVNTMNGVASYC 588  
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
 Db 529 KGSKGKOSYTYIIEENTTSFTWAORTTFHEASKRTNDVAKIYSINTVNTMNGVASYC 588  
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
 Qy 589 RCGALEASDVGSCTSCPAGYYIDRDGTCSCPNTLKAHOPYGYQACVCPGPGTKNN 648  
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
 Db 589 RCGALEASDVGSCTSCPAGYYIDRDGTCSCPNTLKAHOPYGYQACVCPGPGTKNN 648  
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
 Qy 649 KHSCLCYNDCTSRSNTPRTFNFSALANTVLAGGSFTSKGLKYPFHPTSLCGNO 708  
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
 Db 649 KHSCLCYNDCTSRSNTPRTFNFSALANTVLAGGSFTSKGLKYPFHPTSLCGNO 708  
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
 Qy 709 RKSVCNTDNTDIRIPEGGRGFSKITAIVCQAVIIPPEVTGKAGYSSQPSLADRLIG 768  
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
 Db 709 RKSVCNTDNTDIRIPEGGRGFSKITAIVCQAVIIPPEVTGKAGYSSQPSLADRLIG 768  
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
 Qy 769 VTTDMTLDGITSPAELFHLLESLGIPDVIFYRSNDVTOCSSGRSTTIRVRCSPOKTVPG 828  
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
 Db 769 VTTDMTLDGITSPAELFHLLESLGIPDVIFYRSNDVTOCSSGRSTTIRVRCSPOKTVPG 828  
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
 Qy 829 SLUPLGTCSDGTCGNCNFHFLWESAAACPLCSVADYHAIVSCVAGIQ 876  
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
 Db 829 SLUPLGTCSDGTCGNCNFHFLWESAAACPLCSVADYHAIVSCVAGIQ 876  
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

RESULT 15  
 US-10-142-423-38  
 ; Sequence 39, Application us/10142423  
 ; Publication No. US2003004981A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Berebini, Maureen  
 ; APPLICANT: DeForge, Laura  
 ; APPLICANT: Desnoyer, Luc  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Sherwood, Steven  
 ; APPLICANT: Stewart, Victoria  
 ; APPLICANT: Stewart, Timothy A.

RESULT 16  
US-10-121-050-38

; Sequence 38, Application US/10121050  
; Publication No. US20030054516A1  
; GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: Deforge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watnabe, Colin K

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P330R1C20

CURRENT APPLICATION NUMBER: US/10/121,050

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO: 38

LENGTH: 1013

TYPE: PRT

ORGANISM: Homo Sapien

FEATURE:  
NAME/KEY: unsure

LOCATION: 877, 882

OTHER INFORMATION: unknown amino acid  
US-10-121-050-38

Query Match 70.7%; Score 708; DB 9; Length 1013;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 NTDECTATLMLYAVNLKQSGTVAFFYYPDSSIFEFFVQNDQCPNADDSSRMKTEKGW 228

Db 169 NTDECTATLMLYAVNLKQSGTVAFFYYPDSSIFEFFVQNDQCPNADDSSRMKTEKGW 228

QY 229 EFISVELNRGNNVLYWRITAFSVWTKVKPVLPVLVRNIAITGAYTSCBCCPKPGTADKG 288

Db 229 EFISVELNRGNNVLYWRITAFSVWTKVKPVLPVLVRNIAITGAYTSCBCCPKPGTADKG 288

QY 289 SSCKLCPANSTSNKGTSCHQCDPKYSEKGSNSCRPACTDKDGYFTIACDANGER 348

Db 289 SSFCKLCPANSTSNKGTSCHQCDPKYSEKGSNSCRPACTDKDGYFTIACDANGER 348

QY 349 QLMYKWAQPKICSEDLGAVKLPASGKTHCPNCNGFFKTNNSTCOPCPYGSYANGSDC 408

Db 349 QLMYKWAQPKICSEDLGAVKLPASGKTHCPNCNGFFKTNNSTCOPCPYGSYANGSDC 408

QY 409 TROPAGIEPAVSEPEKWMNTPEMTEVLSGINKFEEKGWAGDHITAAGASND 468

Db 409 TRCPAGEPAVSEPEKWMNTPEMTEVLSGINKFEEKGWAGDHITAAGASND 468

QY 469 FMTLTLVPGFRPPQSTMADTENKEVARITPFTCISVNCLEYPGVNSRTNPVETW 528

Db 469 FMTLTLVPGFRPPQSTMADTENKEVARITPFTCISVNCLEYPGVNSRTNPVETW 528

QY 529 KGSKGKQSYTYIIEENTTSFWAORTTFLHASKRYNDVAKISINVINVNGASYC 588

Db 529 KGSKGKQSYTYIIEENTTSFWAORTTFLHASKRYNDVAKISINVINVNGASYC 588

QY 589 RFGCAEASDVGSCTSCPAGYIDROSGETCHSCPNTILKAHQPGVQACVPCGGTGN 648

RESULT 17  
US-10-141-755-38

; Sequence 38, Application US/10141755  
; Publication No. US20030054517A1  
; GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: Deforge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watnabe, Colin K

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P330R1C192

CURRENT APPLICATION NUMBER: US/10/141,755

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO: 38

LENGTH: 1013

TYPE: PRT

ORGANISM: Homo Sapien

FEATURE:  
NAME/KEY: unsure

LOCATION: 877, 882

OTHER INFORMATION: unknown amino acid  
US-10-141-755-38

Query Match 70.7%; Score 708; DB 9; Length 1013;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 NTDECTATLMLYAVNLKQSGTVAFFYYPDSSIFEFFVQNDQCPNADDSSRMKTEKGW 228

Db 169 NTDECTATLMLYAVNLKQSGTVAFFYYPDSSIFEFFVQNDQCPNADDSSRMKTEKGW 228

QY 229 EFISVELNRGNNVLYWRITAFSVWTKVKPVLPVLVRNIAITGAYTSCBCCPKPGTADKG 288

Db 229 EFISVELNRGNNVLYWRITAFSVWTKVKPVLPVLVRNIAITGAYTSCBCCPKPGTADKG 288

QY 289 SSCKLCPANSTSNKGTSCHQCDPKYSEKGSNSCRPACTDKDGYFTIACDANGER 348

Db 289 SSFKLCPANSYSNKGTSCHQCDPKYSEKGSSCNVRPACTDKYFVHTACDANET 348 ; NAME/KSY: unsure  
; LOCATION: 877, 882  
; OTHER INFORMATION: unknown amino acid  
Qy 349 QIMYKWKPKCISEDLEGAVKLPASGYKTHCPCPNPFPKTNSTCOPCPGGSYNSDC 408 ;  
Db 349 QIMYKWKPKCISEDLEGAVKLPASGYKTHCPCPNPFPKTNSTCOPCPGGSYNSDC 408 ;  
Qy 409 TRCPAGTEPAGFPEYKWNNTLPTNEMTIVLGSINPEYKGMTCWEVAGDHIVTAAGASND 468 ;  
Db 409 TRCPAGTEPAGFPEYKWNNTLPTNEMTIVLGSINPEYKGMTCWEVAGDHIVTAAGASND 468 ;  
Qy 469 FMIILTVPGFRPPQSTMADTENKEVARITYFETLCSYNCFLPMVGYNRTRNPETW 528 ;  
Db 469 FMIILTVPGFRPPQSTMADTENKEVARITYFETLCSYNCFLPMVGYNRTRNPETW 528 ;  
Qy 529 KOSKGKSYTYIIEENTTSFWAFORTFHASKRKTNDAVAKIYSINTVNVMGASYC 588 ;  
Db 529 KOSKGKSYTYIIEENTTSFWAFORTFHASKRKTNDAVAKIYSINTVNVMGASYC 588 ;  
Qy 589 RCPCALEASDVSSCTSPAGYYIDRSGTCHSCPNTILKAHQPYGVQACVCPGPGTKNN 648 ;  
Db 589 RCPCALEASDVSSCTSPAGYYIDRSGTCHSCPNTILKAHQPYGVQACVCPGPGTKNN 648 ;  
Qy 649 KHSCLYNDCTFSRNTPTRTFNFSALANTTLAGERPSFTSKGLKFHHFTLSLGNOQ 708 ;  
Db 649 KHSCLYNDCTFSRNTPTRTFNFSALANTTLAGERPSFTSKGLKFHHFTLSLGNOQ 708 ;  
Qy 709 RKNVSCTDNVTLIRIPGESEGSKSITAYVQAVIIPPEVIGYKAGYSSQPLSADRIG 768 ;  
Db 709 RKNVSCTDNVTLIRIPGESEGSKSITAYVQAVIIPPEVIGYKAGYSSQPLSADRIG 768 ;  
Qy 769 VTIIDMTDGDGSPAEELPHLESIGIPDVIFVRSNDTQSCSGRSTIRVRCSPQKVPG 828 ;  
Db 769 VTIIDMTDGDGSPAEELPHLESIGIPDVIFVRSNDTQSCSGRSTIRVRCSPQKVPG 828 ;  
Qy 829 SLLPGRCSDGCDGCNFHFLMESAAACPLCSVADYHAIVSCVAGIQ 876 ;  
Db 829 SLLPGRCSDGCDGCNFHFLMESAAACPLCSVADYHAIVSCVAGIQ 876 ;

RESULT 18

US-10-143-032-38

; Sequence 38, Application US/10143032

; Publication No. US20030059909A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Destroyer, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tuna, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P330R1C245

CURRENT APPLICATION NUMBER: US10/143,032

CURRENT FILING DATE: 2002-05-10

Prior Application removed - See Palm or File Wrapper

NUMBER OF SEQ ID NOS: 550

SEQ ID NO: 38

LENGTH: 1013

TYPE: PRT

FEATURE: ;

ORGANISM: Homo Sapien

RESULT 19

US-10-123-108-38

; Sequence 38, Application US/0123108

; Publication No. US20030068793A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Destroyer, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

Query Match 70.7%; Score 708; DB 9; Length 1013;

Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0; Matches 70; Conservative 0;

Db 169 NTDECATMLMVAUNLKQSGTNTFVEYYDPDSIIIFRFVQNDQCNADDSSRRWMKTEKGW 228 ;  
Qy 229 EPHSVELNRGNVNLWYRTTASVWTKVPKPVLVNTAITGVAYTSECFCPKPGTYADKG 288 ;  
Db 229 EPHSVELNRGNVNLWYRTTASVWTKVPKPVLVNTAITGVAYTSECFCPKPGTYADKG 288 ;  
Qy 289 SSFKLCPANSYSNKGTSCHQCDPKYSEKGSSCNVRPACTDKYFVHTACDANET 348 ;  
Db 289 SSFKLCPANSYSNKGTSCHQCDPKYSEKGSSCNVRPACTDKYFVHTACDANET 348 ;  
Qy 349 QIMYKWKPKCISEDLEGAVKLPASGYKTHCPCPNPFPKTNSTCOPCPGGSYNSDC 408 ;  
Db 349 QIMYKWKPKCISEDLEGAVKLPASGYKTHCPCPNPFPKTNSTCOPCPGGSYNSDC 408 ;  
Qy 409 TRCPAGTEPAGFPEYKWNNTLPTNEMTIVLGSINPEYKGMTCWEVAGDHIVTAAGASND 468 ;  
Db 409 TRCPAGTEPAGFPEYKWNNTLPTNEMTIVLGSINPEYKGMTCWEVAGDHIVTAAGASND 468 ;  
Qy 469 FMIILTVPGFRPPQSTMADTENKEVARITYFETLCSYNCFLPMVGYNRTRNPETW 528 ;  
Db 469 FMIILTVPGFRPPQSTMADTENKEVARITYFETLCSYNCFLPMVGYNRTRNPETW 528 ;  
Qy 529 KOSKGKSYTYIIEENTTSFWAFORTFHASKRKTNDAVAKIYSINTVNVMGASYC 588 ;  
Db 529 KOSKGKSYTYIIEENTTSFWAFORTFHASKRKTNDAVAKIYSINTVNVMGASYC 588 ;  
Qy 589 RCPCALEASDVSSCTSPAGYYIDRSGTCHSCPNTILKAHQPYGVQACVCPGPGTKNN 648 ;  
Db 589 RCPCALEASDVSSCTSPAGYYIDRSGTCHSCPNTILKAHQPYGVQACVCPGPGTKNN 648 ;  
Qy 649 KHSCLYNDCTFSRNTPTRTFNFSALANTTLAGERPSFTSKGLKFHHFTLSLGNOQ 708 ;  
Db 649 KHSCLYNDCTFSRNTPTRTFNFSALANTTLAGERPSFTSKGLKFHHFTLSLGNOQ 708 ;  
Qy 709 RKNVSCTDNVTLIRIPGESEGSKSITAYVQAVIIPPEVIGYKAGYSSQPLSADRIG 768 ;  
Db 709 RKNVSCTDNVTLIRIPGESEGSKSITAYVQAVIIPPEVIGYKAGYSSQPLSADRIG 768 ;  
Qy 769 VTIIDMTDGDGSPAEELPHLESIGIPDVIFVRSNDTQSCSGRSTIRVRCSPQKVPG 828 ;  
Db 769 VTIIDMTDGDGSPAEELPHLESIGIPDVIFVRSNDTQSCSGRSTIRVRCSPQKVPG 828 ;  
Qy 829 SLLPGRCSDGCDGCNFHFLMESAAACPLCSVADYHAIVSCVAGIQ 876 ;  
Db 829 SLLPGRCSDGCDGCNFHFLMESAAACPLCSVADYHAIVSCVAGIQ 876 ;

APPLICANT: Sherwood, Steven  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEAR  
FILE REFERENCE: P330R1C36  
CURRENT APPLICATION NUMBER: US/10/123.108  
PRIORITY NUMBER: 2002-04-15  
PRIORITY NUMBER: 60/049911  
PRIORITY NUMBER: 1997-06-18  
PRIORITY NUMBER: 60/056974  
PRIORITY NUMBER: 1997-08-26  
PRIORITY NUMBER: 60/059113  
PRIORITY NUMBER: 60/059115  
PRIORITY NUMBER: 1997-09-17  
PRIORITY NUMBER: 60/059117  
PRIORITY NUMBER: 1997-09-17  
PRIORITY NUMBER: 60/059122  
PRIORITY NUMBER: 60/059124  
PRIORITY NUMBER: 60/059184  
PRIORITY NUMBER: 1997-09-19  
PRIORITY NUMBER: 60/059263  
PRIORITY NUMBER: 1997-09-19  
PRIORITY NUMBER: 60/059352  
PRIORITY NUMBER: 1997-09-19  
PRIORITY NUMBER: 60/059588  
PRIORITY NUMBER: 1997-09-19  
PRIORITY NUMBER: 60/059836  
PRIORITY NUMBER: 1997-09-24  
PRIORITY NUMBER: 60/062250  
PRIORITY NUMBER: 1997-10-17  
PRIORITY NUMBER: 60/062285  
PRIORITY NUMBER: 1997-10-17  
PRIORITY NUMBER: 60/062287  
PRIORITY NUMBER: 1997-10-17  
PRIORITY NUMBER: 60/062814  
PRIORITY NUMBER: 1997-10-24  
PRIORITY NUMBER: 60/062816  
PRIORITY NUMBER: 1997-10-24  
PRIORITY NUMBER: 60/063045  
PRIORITY NUMBER: 1997-10-24  
PRIORITY NUMBER: 60/063082  
PRIORITY NUMBER: 1997-10-31  
PRIORITY NUMBER: 60/063127  
PRIORITY NUMBER: 1997-10-24  
PRIORITY NUMBER: 60/063327  
PRIORITY NUMBER: 1997-10-27  
PRIORITY NUMBER: 60/063329  
PRIORITY NUMBER: 1997-10-27  
PRIORITY NUMBER: 60/063350  
PRIORITY NUMBER: 1997-10-28  
PRIORITY NUMBER: 60/063561  
PRIORITY NUMBER: 1997-10-28  
PRIORITY NUMBER: 60/063704  
PRIORITY NUMBER: 1997-10-29  
PRIORITY NUMBER: 60/063733  
PRIORITY NUMBER: 1997-10-29  
PRIORITY NUMBER: 60/063735  
PRIORITY NUMBER: 1997-10-29  
PRIORITY NUMBER: 60/063738  
PRIORITY NUMBER: 1997-10-29  
PRIORITY NUMBER: 60/063755  
PRIORITY NUMBER: 1997-10-29  
PRIORITY NUMBER: 60/064248  
PRIORITY NUMBER: 1997-11-03  
PRIORITY NUMBER: 60/064809  
PRIORITY NUMBER: 1997-11-07  
PRIORITY NUMBER: 60/065186  
PRIORITY NUMBER: 1998-05-15  
PRIORITY NUMBER: 60/065194  
PRIORITY NUMBER: 1998-05-17  
PRIORITY NUMBER: 60/065323  
PRIORITY NUMBER: 1998-05-13  
PRIORITY NUMBER: 60/085338  
PRIORITY NUMBER: 1998-05-13  
PRIORITY NUMBER: 60/085339  
PRIORITY NUMBER: 1998-05-13  
PRIORITY NUMBER: 60/085579  
PRIORITY NUMBER: 1998-05-15  
PRIORITY NUMBER: 60/085697

PRIOR APPLICATION NUMBER: 60/085704  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/086414  
; PRIOR FILING DATE: 1998-05-22  
; PRIOR APPLICATION NUMBER: 60/086430  
; PRIOR FILING DATE: 1998-05-22  
; PRIOR APPLICATION NUMBER: 60/087106  
; PRIOR FILING DATE: 1998-05-28  
; PRIOR APPLICATION NUMBER: 60/088026  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088730  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088741  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088810  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088858  
; PRIOR FILING DATE: 1998-06-11  
; PRIOR APPLICATION NUMBER: 60/089532  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089599  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089907  
; PRIOR FILING DATE: 1998-06-18  
; PRIOR APPLICATION NUMBER: 60/089947  
; PRIOR FILING DATE: 1998-06-19  
; PRIOR APPLICATION NUMBER: 60/090349  
; PRIOR FILING DATE: 1998-06-23  
; PRIOR APPLICATION NUMBER: 60/090429  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090445  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090538  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090863  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: 60/091360  
; PRIOR FILING DATE: 1998-07-01  
; PRIOR APPLICATION NUMBER: 60/091519  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091982

Query Match 70.7%; Score 708; DB 9; Length 1013;  
Best Local Similarity 100.0%; Pred. No: 0; Mismatches 0; Indels 0; Gaps 0;

Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 NTDECTATLMLYAVNLKOSGTGVNFYYPPDSSTIFFFVONDQCPNADDSRMKTTKGW 228  
Db 169 NTDECTATLMLYAVNLKOSGTGVNFYYPPDSSTIFFFVONDQCPNADDSRMKTTKGW 228

Qy 229 ERHSELNRGNVLYWRTRTAFTSWTKVKPVLPVRLNATGVAITGAVTSECFPCPKPGTYADKG 288  
Db 229 ERHSELNRGNVLYWRTRTAFTSWTKVKPVLPVRLNATGVAITGAVTSECFPCPKPGTYADKG 288

Qy 289 SSFCKLKCPANSTNSKGTSCHQDPKUSEKGSSCNVRPACTDKYTHIADANGET 348  
Db 289 SSFCKLKCPANSTNSKGTSCHQDPKUSEKGSSCNVRPACTDKYTHIADANGET 348

Qy 349 QLMWKWAKPKCSBDELGAVKLUPASGVKTHCPRPNPGFKTNSTCOPCPYSSNSDC 408  
Db 349 QLMWKWAKPKCSBDELGAVKLUPASGVKTHCPRPNPGFKTNSTCOPCPYSSNSDC 408

Qy 409 TRCGAGTERPAVGVEKWNMLPTMNETWLSGINPEYKGMTCGHVAGHIYTAGASND 468  
Db 409 TRCGAGTERPAVGVEKWNMLPTMNETWLSGINPEYKGMTCGHVAGHIYTAGASND 468

Qy 469 FMTILTVLWVGRPPQSMADTENKEVARITPVETLCSNCYLYFMVGNSRINTPWTW 528  
Db 469 FMTILTVLWVGRPPQSMADTENKEVARITPVETLCSNCYLYFMVGNSRINTPWTW 528

Qy 529 KGSKGKQSYTIVIETNTTSFTWAQORTFHEAHSRKYNTDVAKLYSINVNVNGVASYC 588  
Db 529 KGSKGKQSYTIVIETNTTSFTWAQORTFHEAHSRKYNTDVAKLYSINVNVNGVASYC 588

QY 589 RPACALEASDVSESSCTSPAGYVYIDROSGTCISCPPTILKAKHQPMVQACVCPGPTKNN 648  
Db 589 RICALESADVSSECTSPAGYVYIDROSGTCISCPPTILKAKHQPMVQACVCPGPTKNN 648

QY 649 KHSLCINDCTSRSNTPRTTNYNFEALANTVTLAGPSFSKGLXVFHFTSLCGNO 708  
Db 649 KHSLCINDCTSRSNTPRTTNYNFEALANTVTLAGPSFSKGLXVFHFTSLCGNO 708

QY 709 RNSVCTDNVTDLRIGESESRSKSTAYVQAVIPPEVYKAGVSSOPVSLADRLIG 768  
Db 709 RNSVCTDNVTDLRIGESESRSKSTAYVQAVIPPEVYKAGVSSOPVSLADRLIG 768

QY 769 VTTDMTDLGTSPLAEFILESLGIPVIFFRSRNDTQSSGRSTIRCSRPTVPG 828  
Db 769 VTTDMTDLGTSPLAEFILESLGIPVIFFRSRNDTQSSGRSTIRCSRPTVPG 828

QY 829 SLLPGTSDSTODGENPHFWESAAACPLSVADHAISCVAGIQ 876  
Db 829 SLLPGTSDSTODGENPHFWESAAACPLSVADHAISCVAGIQ 876

---

RESULT 20  
US-10-123-236-38  
; Sequence 38, Application US/10123236  
; Publication No. US20030068795A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerrissen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3330R1C33  
; CURRENT APPLICATION NUMBER: US/10123-236  
; CURRENT FILING DATE: 2002-04-15  
; Prior Application removed - See File Wrapper or Palm  
; SEQ ID NO 38  
; LENGTH: 1013  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
; FEATURE:  
; NAME/KEY: unsure  
; LOCATION: 877, 882  
; OTHER INFORMATION: unknown amino acid  
; US-10-123-236-38

Query Match 70.7%; Score 708; DB 9; Length 1013;  
Best Local Similarity 100.0%; Pred. No: 0; Mismatches 0; Indels 0; Gaps 0;

Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 NTDECTATLMLYAVNLKOSGTGVNFYYPPDSSTIFFFVONDQCPNADDSRMKTTKGW 228  
Db 169 NTDECTATLMLYAVNLKOSGTGVNFYYPPDSSTIFFFVONDQCPNADDSRMKTTKGW 228

Qy 229 ERHSELNRGNVLYWRTRTAFTSWTKVKPVLPVRLNATGVAITGAVTSECFPCPKPGTYADKG 288  
Db 229 ERHSELNRGNVLYWRTRTAFTSWTKVKPVLPVRLNATGVAITGAVTSECFPCPKPGTYADKG 288

QY 289 SSCKLCPANSYSNKGTSCHOCDPKISSEKSSCNVRPACTDKOYFYTHACDANGET 348 ;  
Db 289 SSCKLCPANSYSNKGTSCHOCDPKISSEKSSCNVRPACTDKOYFYTHACDANGET 348 ;  
QY 349 QLMYKWAKPKICSBDELGAVKLPASGVKTHCPCPNPFRKTNSTCOPCPYGSYSNGSDC 408 ;  
Db 349 QLMYKWAKPKICSBDELGAVKLPASGVKTHCPCPNPFRKTNSTCOPCPYGSYSNGSDC 408 ;  
QY 409 TRCPAGTERAVGEFYKWMNTLPINMETTULSGINPEYKGMTCWEAGDHITAAGASND 468 ;  
Db 409 TRCPAGTERAVGEFYKWMNTLPINMETTULSGINPEYKGMTCWEAGDHITAAGASND 468 ;  
QY 469 FMTLTVPGFRPPQSVMADENKEVARITFETLGCSVNCLELYFMVGUNSRNTNPETW 528 ;  
Db 469 FMTLTVPGFRPPQSVMADENKEVARITFETLGCSVNCLELYFMVGUNSRNTNPETW 528 ;  
QY 529 KGGRGKQSYTYIIBENTTISFTWAORTFHESRKYTNVDVAKIYSTINVNNMNGASYC 588 ;  
Db 529 KGGRGKQSYTYIIBENTTISFTWAORTFHESRKYTNVDVAKIYSTINVNNMNGASYC 588 ;  
QY 589 RCPALEASDVGSCTSCPAGYIDRDSGTCHSCPNTLKAQHGYQACVCPGPTKNN 648 ;  
Db 589 RCPALEASDVGSCTSCPAGYIDRDSGTCHSCPNTLKAQHGYQACVCPGPTKNN 648 ;  
QY 649 KHSILCYNDCTSRSNTPRTNTNFSLANTVTLAGGSFTSKGLKYFHHFTLSCNQG 708 ;  
Db 649 KHSILCYNDCTSRSNTPRTNTNFSLANTVTLAGGSFTSKGLKYFHHFTLSCNQG 708 ;  
QY 709 RKMVSCTDNVTDRIPEREGSGFSKISITAVCQAVIIPPEVTKYAGVSSQPSLADRIG 768 ;  
Db 709 RKMVSCTDNVTDRIPEREGSGFSKISITAVCQAVIIPPEVTKYAGVSSQPSLADRIG 768 ;  
QY 769 VTTDMLDITSPARELFILESLGIDPVIFYRSNDVQSCSSGRSTIRVRCSPOKVPG 828 ;  
Db 769 VTTDMLDITSPARELFILESLGIDPVIFYRSNDVQSCSSGRSTIRVRCSPOKVPG 828 ;  
QY 829 SLLPGTSDGTCGCGNHFHLWESAAACPLCSVADYHAIVSSCVAGIQ 876 ;  
Db 829 SLLPGTSDGTCGCGNHFHLWESAAACPLCSVADYHAIVSSCVAGIQ 876 ;

RESULT 21  
US-10-123-261-38

; Publication 38, Application US/10123261  
; Publication No. US20030068796A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeJorge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin

Organism: Homo Sapien  
Feature:  
Name/Key: unsure  
Location: 877, 882  
Other Information: unknown amino acid  
US-10-123-261-38

Query Match 70.7%; Score 708; DB 9; Length 1013;  
Best Local Similarity 100%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;

Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 169 NTDECTATIMYAVNLKOSOTVNRFYYDDSSIREFVONDQCPNADDSRMKTTBKGM 228 ;  
Db 169 NTDECTATIMYAVNLKOSOTVNRFYYDDSSIREFVONDQCPNADDSRMKTTBKGM 228 ;  
QY 229 EFHSVELNEGNVNIWRTAFSWMWKVPRVLURNIAITGVAYTSECFCPKCKGYADQG 288 ;  
Db 229 EFHSVELNEGNVNIWRTAFSWMWKVPRVLURNIAITGVAYTSECFCPKCKGYADQG 288 ;  
QY 349 QLMYKWAKPKICSBDELGAVKLPASGVKTHCPCPNPFRKTNSTCOPCPYGSYSNGSDC 408 ;  
Db 349 QLMYKWAKPKICSBDELGAVKLPASGVKTHCPCPNPFRKTNSTCOPCPYGSYSNGSDC 408 ;  
QY 349 SFCKLCPANSYSNKGTSCHOCDPKISSEKSSCNVRPACTDKOYFYTHACDANGET 348 ;  
Db 349 SFCKLCPANSYSNKGTSCHOCDPKISSEKSSCNVRPACTDKOYFYTHACDANGET 348 ;  
QY 409 TRCPAGTERAVGEFYKWMNTLPINMETTULSGINPEYKGMTCWEAGDHITAAGASND 468 ;  
Db 409 TRCPAGTERAVGEFYKWMNTLPINMETTULSGINPEYKGMTCWEAGDHITAAGASND 468 ;  
QY 469 FMTLTVPGFRPPQSVMADENKEVARITFETLGCSVNCLELYFMVGUNSRNTNPETW 528 ;  
Db 469 FMTLTVPGFRPPQSVMADENKEVARITFETLGCSVNCLELYFMVGUNSRNTNPETW 528 ;  
QY 529 KGSKKQSYTYIIBENTTISFTWAORTFHESRKYTNVDVAKIYSTINVNNMNGASYC 588 ;  
Db 529 KGSKKQSYTYIIBENTTISFTWAORTFHESRKYTNVDVAKIYSTINVNNMNGASYC 588 ;  
QY 589 RCPALEASDVGSCTSCPAGYIDRDSGTCHSCPNTLKAQHGYQACVCPGPTKNN 648 ;  
Db 589 RCPALEASDVGSCTSCPAGYIDRDSGTCHSCPNTLKAQHGYQACVCPGPTKNN 648 ;  
QY 649 KHSILCYNDCTSRSNTPRTNTNFSLANTVTLAGGSFTSKGLKYFHHFTLSCNQG 708 ;  
Db 649 KHSILCYNDCTSRSNTPRTNTNFSLANTVTLAGGSFTSKGLKYFHHFTLSCNQG 708 ;  
QY 709 RKMVSCTDNVTDRIPEREGSGFSKISITAVCQAVIIPPEVTKYAGVSSQPSLADRIG 768 ;  
Db 709 RKMVSCTDNVTDRIPEREGSGFSKISITAVCQAVIIPPEVTKYAGVSSQPSLADRIG 768 ;  
QY 769 VTTDMLDITSPARELFILESLGIDPVIFYRSNDVQSCSSGRSTIRVRCSPOKVPG 828 ;  
Db 769 VTTDMLDITSPARELFILESLGIDPVIFYRSNDVQSCSSGRSTIRVRCSPOKVPG 828 ;  
QY 829 SLLPGTSDGTCGCGNHFHLWESAAACPLCSVADYHAIVSSCVAGIQ 876 ;  
Db 829 SLLPGTSDGTCGCGNHFHLWESAAACPLCSVADYHAIVSSCVAGIQ 876 ;

RESULT 22  
US-10-140-921-38

; Sequence 38, Application US/10140921  
; Publication No. US20030068797A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeJorge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Sherwood, Steven  
 APPLICANT: Smith, Victoria  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tumas, Daniel  
 APPLICANT: Watanabe, Colin K.  
 APPLICANT: Wood, William  
 APPLICANT: Zhang, Zemin  
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME  
 FILE REFERENCE: P3330R1C175  
 CURRENT APPLICATION NUMBER: US/10/140, 921  
 CURRENT FILING DATE: 2002-05-07  
 Prior Application removed - See File Wrapper or Palm  
 NUMBER OF SEQ ID NOS: 550  
 SEQ ID NO: 38  
 LENGTH: 1013  
 TYPE: PRT  
 ORGANISM: Homo Sapien  
 FEATURE:  
 NAME/KEY: unsure  
 LOCATION: 877, 882  
 OTHER INFORMATION: unknown amino acid  
 US-10-140-921-38

Query Match 70.7%; Score 708; DB 9; Length 1013;  
 Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;  
 Matches 708; Conservative 0; MisMatches 0; InDelS 0; Gaps 0;

QY 169 NTDECTATIMAYNLKOSGTNFEYYYPDSIIFEFFVONDOCOPNADDSRMKTTBKW 228  
 Db 169 NTDECTATIMAYNLKOSGTNFEYYYPDSIIFEFFVONDOCOPNADDSRMKTTBKW 228

QY 229 EFISVELNRGNNVLYWRTAFSVTKVKPKVPLVRNIAITGAYTSECHPCKPGTYADKG 288  
 Db 229 EFISVELNRGNNVLYWRTAFSVTKVKPKVPLVRNIAITGAYTSECHPCKPGTYADKG 288

QY 289 SSCKLCPANSYNSNGKGETSCQDPKYSKEGKSSCNRPACTDKYFYTACDANGET 348  
 Db 289 SSCKLCPANSYNSNGKGETSCQDPKYSKEGKSSCNRPACTDKYFYTACDANGET 348

QY 349 QLMYKWAQPKICSEBDLGAVKLPASGVKTHCPNCNGPCKTNSTCOPCPGSYSNSDC 408  
 Db 349 QLMYKWAQPKICSEBDLGAVKLPASGVKTHCPNCNGPCKTNSTCOPCPGSYSNSDC 408

QY 409 TRCPAGTEPAVGEEYKWNNTLPMTMFTVLGINFEYKGMTCMVBAQHRYTAGASND 468  
 Db 409 TRCPAGTEPAVGEEYKWNNTLPMTMFTVLGINFEYKGMTCMVBAQHRYTAGASND 468

QY 469 FMILTLVPGFRPPQSMADDENKEVARITYFETLCSVNCELYFMVGVSNSRNTPVETW 528  
 Db 469 FMILTLVPGFRPPQSMADDENKEVARITYFETLCSVNCELYFMVGVSNSRNTPVETW 528

QY 529 KOSKGKOSYTYIRENTTSFTMAFORTTPHEASRYKYNDAKYSINTNTNGVASYC 588  
 Db 529 KOSKGKOSYTYIRENTTSFTMAFORTTPHEASRYKYNDAKYSINTNTNGVASYC 588

QY 589 RCPCLAEASDVGSCTSCPAGYIDRDSGTCCHSESPNPTIKAHOFYGVACVPGCGPKNN 648  
 Db 589 RCPCLAEASDVGSCTSCPAGYIDRDSGTCCHSESPNPTIKAHOFYGVACVPGCGPKNN 648

QY 649 KIHSLCYNDCTFSNNTPTFTNFSALANTVTLAGGSFSTSCKLKYPFHFTLSLCGNG 708  
 Db 649 KIHSLCYNDCTFSNNTPTFTNFSALANTVTLAGGSFSTSCKLKYPFHFTLSLCGNG 708

QY 709 RKMVCYTONVTDLRIPEGESGRS ITAVCQAVIPEBTGKAGQSQQPSVLSADLIG 768  
 Db 709 RKMVCYTONVTDLRIPEGESGRS ITAVCQAVIPEBTGKAGQSQQPSVLSADLIG 768

QY 769 VTTUDMLDGITSAELFHLBSLGIPDVFYRNDVTOQSCSGRSTTIRVRSQQKTVPG 828  
 Db 769 VTTUDMLDGITSAELFHLBSLGIPDVFYRNDVTOQSCSGRSTTIRVRSQQKTVPG 828

RESULT 23  
 US-10-140-928-38  
 Sequence 38, Application US/10140928  
 Publication No. US20030058798A1  
 GENERAL INFORMATION:  
 APPLICANT: Baker, Kevin P.  
 APPLICANT: Barbesini, Maureen  
 APPLICANT: DeGeorge, Laura  
 APPLICANT: Desnoyers, Luc  
 APPLICANT: Filvaroff, Ellen  
 APPLICANT: Gao, Wei-Qiang  
 APPLICANT: Garritsen, Mary E.  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Godowski, Paul J.  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Sherwood, Steven  
 APPLICANT: Smith, Victoria  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tumas, Daniel  
 APPLICANT: Watanabe, Colin K.  
 APPLICANT: Wood, William  
 APPLICANT: Zhang, Zemin  
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME  
 FILE REFERENCE: P3330R1C186  
 CURRENT APPLICATION NUMBER: US/10/140, 928  
 CURRENT FILING DATE: 2002-05-07  
 Prior Application removed - See File Wrapper or Palm  
 NUMBER OF SEQ ID NOS: 550  
 SEQ ID NO: 38  
 LENGTH: 1013  
 TYPE: PRT  
 ORGANISM: Homo Sapien  
 FEATURE:  
 NAME/KEY: unsure  
 LOCATION: 877, 882  
 OTHER INFORMATION: unknown amino acid  
 US-10-140-928-38

Query Match 70.7%; Score 708; DB 9; Length 1013;  
 Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;  
 Matches 708; Conservative 0; MisMatches 0; InDelS 0; Gaps 0;

QY 169 NTDECTATIMAYNLKOSGTNFEYYYPDSIIFEFFVONDOCOPNADDSRMKTTBKW 228  
 Db 169 NTDECTATIMAYNLKOSGTNFEYYYPDSIIFEFFVONDOCOPNADDSRMKTTBKW 228

QY 229 EFISVELNRGNNVLYWRTAFSVTKVKPKVPLVRNIAITGAYTSECHPCKPGTYADKG 288  
 Db 229 EFISVELNRGNNVLYWRTAFSVTKVKPKVPLVRNIAITGAYTSECHPCKPGTYADKG 288

QY 289 SSCKLCPANSYNSNGKGETSCQDPKYSKEGKSSCNRPACTDKYFYTACDANGET 348  
 Db 289 SSCKLCPANSYNSNGKGETSCQDPKYSKEGKSSCNRPACTDKYFYTACDANGET 348

QY 349 QLMYKWAQPKICSEBDLGAVKLPASGVKTHCPNCNGPCKTNSTCOPCPGSYSNSDC 408  
 Db 349 QLMYKWAQPKICSEBDLGAVKLPASGVKTHCPNCNGPCKTNSTCOPCPGSYSNSDC 408

QY 409 TRCPAGTEPAVGEEYKWNNTLPMTMFTVLGINFEYKGMTCMVBAQHRYTAGASND 468  
 Db 409 TRCPAGTEPAVGEEYKWNNTLPMTMFTVLGINFEYKGMTCMVBAQHRYTAGASND 468

QY 469 FMILTLVPGFRPPQSMADDENKEVARITYFETLCSVNCELYFMVGVSNSRNTPVETW 528  
 Db 469 FMILTLVPGFRPPQSMADDENKEVARITYFETLCSVNCELYFMVGVSNSRNTPVETW 528

QY 529 KGSKGKQSYTYTIEENTTSPTFWAQRTTFFHEASRYTDVAKIYSINTVNVMGVASYC 508  
Db 529 KGSKGKQSYTYTIEENTTSPTFWAQRTTFFHEASRYTDVAKIYSINTVNVMGVASYC 508  
QY 589 RPCALIASDVGSSCTSCPAGYYIDPSGTCHSCPNTILKAHQYGVQACVPCPGPTKN 648  
Db 589 RPCALIASDVGSSCTSCPAGYYIDPSGTCHSCPNTILKAHQYGVQACVPCPGPTKN 648  
Qy 649 KHSLYCNDCTFSRNPTRFNYNSALANTVLAGGPSPFTSKGLKYFHFTSLCGNQ 708  
Db 649 KHSLYCNDCTFSRNPTRFNYNSALANTVLAGGPSPFTSKGLKYFHFTSLCGNQ 708  
Qy 709 RKMSVCTDNVTLDRIPEGESGSFSITAVCQAVIIPPEVTGKAGVSGQPLSADRUG 768  
Db 709 RKMSVCTDNVTLDRIPEGESGSFSITAVCQAVIIPPEVTGKAGVSGQPLSADRUG 768  
Qy 769 VTTDMFLDGTSPASLPHLESGLGDVIFYRSNDVTOCSSGSRSTTRVRSEPKTVPG 828  
Db 769 VTTDMFLDGTSPASLPHLESGLGDVIFYRSNDVTOCSSGSRSTTRVRSEPKTVPG 828  
Qy 829 SILLPGTCSDGTCGCGCNFHFLWESAACPLCSVADYHAIVSSCVAGIQ 876  
Db 829 SILLPGTCSDGTCGCGCNFHFLWESAACPLCSVADYHAIVSSCVAGIQ 876

RESULT 24

US-10-121-045-38

; Sequence 38, Application US/10121045  
; Publication No. US20030073210A1  
; GENERAL INFORMATION:

- APPLICANT: Baker, Kevin P.
- APPLICANT: Beresini, Maureen
- APPLICANT: Deforge, Laura
- APPLICANT: Desnoyers, Luc
- APPLICANT: Filvaroff, Ellen
- APPLICANT: Gao, Wei-Qiang
- APPLICANT: Gerritsen, Mary E.
- APPLICANT: Goddard, Audrey
- APPLICANT: Godowski, Paul J.
- APPLICANT: Gurney, Austin L.
- APPLICANT: Sherwood, Steven
- APPLICANT: Smith, Victoria
- APPLICANT: Tunas, Daniel
- APPLICANT: Watanabe, Colin K
- APPLICANT: Wood, William
- APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C8

CURRENT APPLICATION NUMBER: US/10/121.045

CURRENT FILING DATE: 2002-04-11

Prior application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 38 LENGTH: 1013 TYPE: PRT ORGANISM: Homo Sapien FEATURE: NAME/KEY: unsure LOCATION: 877, 882 OTHER INFORMATION: unknown amino acid ; US-10-121-045-38

Query Match Best local similarity 70.7%; Score 708; DB 9; Length 1013; Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 NTDTCTATMYAVNLKGSGTIVFYYDPSSIFEFVQNDQCPNADDSPRMKCTEKGW 228  
Db 169 NTDTCTATMYAVNLKGSGTIVFYYDPSSIFEFVQNDQCPNADDSPRMKCTEKGW 228  
Qy 229 EPISVELNRGNVVLWMTTAFSVWTKVKPVLPVLVRAIAITGVAYTSBCFPCKPGTYADKQ 288

RESULT 25

US-10-123-292-38

; Sequence 38, Application US/10123292  
; Publication No. US20030073211A1  
; GENERAL INFORMATION:

- APPLICANT: Baker, Kevin P.
- APPLICANT: Beresini, Maureen
- APPLICANT: Deforge, Laura
- APPLICANT: Desnoyers, Luc
- APPLICANT: Filvaroff, Ellen
- APPLICANT: Gao, Wei-Qiang
- APPLICANT: Gerritsen, Mary E.
- APPLICANT: Goddard, Audrey
- APPLICANT: Godowski, Paul J.
- APPLICANT: Gurney, Austin L.
- APPLICANT: Sherwood, Steven
- APPLICANT: Smith, Victoria
- APPLICANT: Tunas, Daniel
- APPLICANT: Watanabe, Colin K
- APPLICANT: Wood, William
- APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C12

CURRENT APPLICATION NUMBER: US/10/123,292

CURRENT FILING DATE: 2002-04-15

Prior application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

; SEQ ID NO: 38  
; LENGTH: 1013  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
; FEATURE:  
; NAME/KEY: unsure<sup>a</sup>  
; LOCATION: 877, 882  
; OTHER INFORMATION: unknown amino acid ~  
; US-10-123-292-38

Query Match 70.7%; Score 708; DB 9; length 1013;  
Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;  
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 NTDECTATLAVNLKQSGTNEFYYPDSIIFPFVQNDQCPNADDSSRMKTEKGW 228  
Db 169 NTDECTATLAVNLKQSGTNEFYYPDSIIFPFVQNDQCPNADDSSRMKTEKGW 228  
QY 229 EFHSVELNRGNVLWYMTTAWSVWTKPKPVILVRNIAITGWAYSECFCKPGTYADKG 288  
Db 229 EFHSVELNRGNVLWYMTTAWSVWTKPKPVILVRNIAITGWAYSECFCKPGTYADKG 288  
QY 289 SSICKLCPANSYSNKGETSCHOCDPDKYSEKGSSENVRFACTDKYFYHTACANGST 348  
Db 289 SSICKLCPANSYSNKGETSCHOCDPDKYSEKGSSENVRFACTDKYFYHTACANGST 348  
QY 349 QLMYKWAKPKICSEDLGAVKLPASGVKTHCPPCNPGFPKINNSTCOPCPYGSNSGDC 408  
Db 349 QLMYKWAKPKICSEDLGAVKLPASGVKTHCPPCNPGFPKINNSTCOPCPYGSNSGDC 408  
QY 409 TRCPAGTEPAGFEYKWNNTLPINMETITLUSGINFEYKGMGWEAGDHLYTAGASND 468  
Db 409 TRCPAGTEPAGFEYKWNNTLPINMETITLUSGINFEYKGMGWEAGDHLYTAGASND 468  
QY 469 FMLILTVPGFRPQSMADTENKEVARITVFETICSVACELYFNGVNSRNTIPETW 528  
Db 469 FMLILTVPGFRPQSMADTENKEVARITVFETICSVACELYFNGVNSRNTIPETW 528  
QY 529 KSSKGKQSYTYIIEENTTSFWAORTTIEASRKTYNDVAKIYSINVNTVMNGASYC 588  
Db 529 KSSKGKQSYTYIIEENTTSFWAORTTIEASRKTYNDVAKIYSINVNTVMNGASYC 588  
QY 589 RPCALEASDVGSSCTSPAGYIDRSGTCHSCPPNWLKAHOPKVQACUPCGTKNN 648  
Db 589 RPCALEASDVGSSCTSPAGYIDRSGTCHSCPPNWLKAHOPKVQACUPCGTKNN 648  
QY 649 KHSCLCINDCTSRSNTPPTRFNTNFSAINTVLAGPSFTSKGLKFHARTLSLGNQG 708  
Db 649 KHSCLCINDCTSRSNTPPTRFNTNFSAINTVLAGPSFTSKGLKFHARTLSLGNQG 708  
QY 709 RKMVSCTDNVTDLRIPGESEGSKSITAYCQAVIIPPEVGYKAGVSSQVSLADRIG 768  
Db 709 RKMVSCTDNVTDLRIPGESEGSKSITAYCQAVIIPPEVGYKAGVSSQVSLADRIG 768  
QY 769 VTTDMTLDGITSPLAEFLHESLGSIDPVIDFVFSNDVTOQCSGGSRSTIRRCSPQTKVPG 828  
Db 769 VTTDMTLDGITSPLAEFLHESLGSIDPVIDFVFSNDVTOQCSGGSRSTIRRCSPQTKVPG 828  
QY 829 SLIUPGTSDGTCDGCNPFPLWSSAACPLCSVDHYHAIVSSCVAGIQ 876  
Db 829 SLIUPGTSDGTCDGCNPFPLWSSAACPLCSVDHYHAIVSSCVAGIQ 876  
RESULT 26  
US-10-123-903-38  
; Sequence 38 Application US/10123903  
; Publication No. US2003007212A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Bersini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filmaroff, Ellen

; APPICANT: Gao, Wei-Qiang  
; APPICANT: Gerritsen, Mary E.  
; APPICANT: Goddard, Audrey  
; APPICANT: Godowski, Paul J.  
; APPICANT: Gurney, Austin L.  
; APPICANT: Sherwood, Steven  
; APPICANT: Smith, Victoria  
; APPICANT: Stewart, Timothy A.  
; APPICANT: Tumans, Daniel  
; APPICANT: Wood, William  
; APPICANT: Watanae, Colin K  
; APPICANT: Zhang, Zemin  
; APPICANT: Zhou, William  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; TITLE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3330R1C51  
; CURRENT APPLICATION NUMBER: US10/123,903  
; CURRENT FILING DATE: 2002-04-16  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO: 38  
; LENGTH: 1013  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
; FEATURE:  
; NAME/KEY: unsure  
; LOCATION: 877, 882  
; OTHER INFORMATION: unknown amino acid ~  
; US-10-123-903-38

Query Match 70.7%; Score 708; DB 9; length 1013;  
Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;  
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 NTDECTATLAVNLKQSGTNEFYYPDSIIFPFVQNDQCPNADDSSRMKTEKGW 228  
Db 169 NTDECTATLAVNLKQSGTNEFYYPDSIIFPFVQNDQCPNADDSSRMKTEKGW 228  
QY 229 EFHSVELNRGNVLWYMTTAWSVWTKPKPVILVRNIAITGWAYSECFCKPGTYADKG 288  
Db 229 EFHSVELNRGNVLWYMTTAWSVWTKPKPVILVRNIAITGWAYSECFCKPGTYADKG 288  
QY 289 SSICKLCPANSYSNKGETSCHOCDPDKYSEKGSSENVRFACTDKYFYHTACANGST 348  
Db 289 SSICKLCPANSYSNKGETSCHOCDPDKYSEKGSSENVRFACTDKYFYHTACANGST 348  
QY 349 QLMYKWAKPKICSEDLGAVKLPASGVKTHCPPCNPGFPKINNSTCOPCPYGSNSGDC 408  
Db 349 QLMYKWAKPKICSEDLGAVKLPASGVKTHCPPCNPGFPKINNSTCOPCPYGSNSGDC 408  
QY 409 TRCPAGTEPAGFEYKWNNTLPINMETITLUSGINFEYKGMGWEAGDHLYTAGASND 468  
Db 409 TRCPAGTEPAGFEYKWNNTLPINMETITLUSGINFEYKGMGWEAGDHLYTAGASND 468  
QY 469 FMLILTVPGFRPQSMADTENKEVARITVFETICSVACELYFNGVNSRNTIPETW 528  
Db 469 FMLILTVPGFRPQSMADTENKEVARITVFETICSVACELYFNGVNSRNTIPETW 528  
QY 529 KSSKGKQSYTYIIEENTTSFWAORTTIEASRKTYNDVAKIYSINVNTVMNGASYC 588  
Db 529 KSSKGKQSYTYIIEENTTSFWAORTTIEASRKTYNDVAKIYSINVNTVMNGASYC 588  
QY 589 RPCALEASDVGSSCTSPAGYIDRSGTCHSCPPNWLKAHOPKVQACUPCGTKNN 648  
Db 589 RPCALEASDVGSSCTSPAGYIDRSGTCHSCPPNWLKAHOPKVQACUPCGTKNN 648  
QY 649 KHSCLCINDCTSRSNTPPTRFNTNFSAINTVLAGPSFTSKGLKFHARTLSLGNQG 708  
Db 649 KHSCLCINDCTSRSNTPPTRFNTNFSAINTVLAGPSFTSKGLKFHARTLSLGNQG 708  
QY 709 RKMVSCTDNVTDLRIPGESEGSKSITAYCQAVIIPPEVGYKAGVSSQVSLADRIG 768  
Db 709 RKMVSCTDNVTDLRIPGESEGSKSITAYCQAVIIPPEVGYKAGVSSQVSLADRIG 768

QY 759 VTTDMTLDGITSRPAELFILESLGIPDVFFYRSNDVTOCSSGRSTIRVRCSPQKVPG 828  
Db 759 VTTDMTLDGITSRPAELFILESLGIPDVFFYRSNDVTOCSSGRSTIRVRCSPQKVPG 828

QY 829 SLLIPIGTCSDGTCGCGNHFILWESAAACPLCSVADYHAIIVSSCVAGIQ 876  
Db 829 SLLIPIGTCSDGTCGCGNHFILWESAAACPLCSVADYHAIIVSSCVAGIQ 876

RESULT 27  
US-10-124-819-38

; Sequence 38, Application US/10124819  
; Publication No. US20030073213A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: Deforge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C6S

CURRENT APPLICATION NUMBER: US/10/124, 819

CURRENT FILING DATE: 2002-04-17

Prior Application removed - See File Wrapper or Palm

SEQ ID NO 38  
LENGTH: 1013

TYPE: PRT

FEATURE:  
NAME/KEY: unsure  
LOCATION: 877, 882

OTHER INFORMATION: unknown amino acid

US-10-124-819-38

Query Match 70.7%; Score 708; DB 9; Length 1013;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 NTDECTATIMAVNLKQSGTNFEYYPDSSIFERFVQNDQCPNAADDSRMKTEKGW 228  
Db 169 NTDECTATIMAVNLKQSGTNFEYYPDSSIFERFVQNDQCPNAADDSRMKTEKGW 228

QY 229 EHISVELJRGNNVLYNRTTAFSVWTKPKPVLAITGVAETBCPPCKPGTVADKOG 288  
Db 229 EHISVELJRGNNVLYNRTTAFSVWTKPKPVLAITGVAETBCPPCKPGTVADKOG 288

QY 289 SSFCKLCPANISNKERTSCHOPKYSKEIGSSCNVRFACTDDYFYHTACDANGT 348  
Db 289 SSFCKLCPANISNKERTSCHOPKYSKEIGSSCNVRFACTDDYFYHTACDANGT 348

QY 349 QMYKWAQPKKICSEDEGAVKLPSAWKTHCPPCGFPKINNSCQCPYGSNSGDC 408  
Db 349 QMYKWAQPKKICSEDEGAVKLPSAWKTHCPPCGFPKINNSCQCPYGSNSGDC 408

QY 409 TRCPAGTCPEAYFEXKWNNTIPTNEMETVLSGINBYKGMTGWEAGDHITYAAGASND 468  
Db 409 TRCPAGTCPEAYFEXKWNNTIPTNEMETVLSGINBYKGMTGWEAGDHITYAAGASND 468

QY 469 FMLILVPGFRPPQSVMADENKEVARITFVFETLCSVNCELYFNGVSRTNTPVET 528

Db 469 FMLILVPGFRPPQSVMADENKEVARITFVFETLCSVNCELYFNGVSRTNTPVET 528

QY 529 KGSKSKQSYIYTIEENTTSFTMAFORTFHEASRKYTDVAKYSINTVNNGVASYC 588  
Db 529 KGSKSKQSYIYTIEENTTSFTMAFORTFHEASRKYTDVAKYSINTVNNGVASYC 588

QY 589 RPCALEASDVGSCTSCPAGYIDRDSGTCHSCPNTLIKAROPIGYQACVCGPGTRN 648  
Db 589 RPCALEASDVGSCTSCPAGYIDRDSGTCHSCPNTLIKAROPIGYQACVCGPGTRN 648

QY 649 KIHSICSYNCDTESNPRTNTNSALANTVLAGAPSFTXGLKQFHFHTSLCNG 708  
Db 649 KIHSICSYNCDTESNPRTNTNSALANTVLAGAPSFTXGLKQFHFHTSLCNG 708

QY 709 RMSSVCTDNVTDLRIPEGSGFSKSITAYVCAVIIPEV3YKAGSSQPSLADRIG 768  
Db 709 RMSSVCTDNVTDLRIPEGSGFSKSITAYVCAVIIPEV3YKAGSSQPSLADRIG 768

QY 769 VTTDMTLDGITSRPAELFILESLGIPDVFFYRSNDVTOCSSGRSTIRVRCSPQKVPG 828  
Db 769 VTTDMTLDGITSRPAELFILESLGIPDVFFYRSNDVTOCSSGRSTIRVRCSPQKVPG 828

QY 829 SLLIPIGTCSDGTCGCGNHFILWESAAACPLCSVADYHAIIVSSCVAGIQ 876  
Db 829 SLLIPIGTCSDGTCGCGNHFILWESAAACPLCSVADYHAIIVSSCVAGIQ 876

RESULT 28  
US-10-124-822-38

; Sequence 38, Application US/10124822  
; Publication No. US20030073214A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: Deforge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C64

CURRENT APPLICATION NUMBER: US/10/124, 822

CURRENT FILING DATE: 2002-04-17

Prior Application removed - See File Wrapper or Palm

SEQ ID NO 38  
LENGTH: 1013

TYPE: PRT

FEATURE:  
NAME/KEY: unsure  
LOCATION: 877, 882

OTHER INFORMATION: unknown amino acid

US-10-124-822-38

Query Match 70.7%; Score 708; DB 9; Length 1013;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 NTDECTATIMAVNLKQSGTNFEYYPDSSIFERFVQNDQCPNAADDSRMKTEKGW 228

Db 169 NTDECTATLMAVNLIQSGTNFVYYPDSSTIEFFVQNDQCQPNADDSSRMKITEKGW 228 ; CURRENT FILING DATE: 2002-05-07  
 Qy 229 EFHSVELNRGNVLYRRTTASVWTKPKPVLRNIAITGAYTSSCPCKPRTADKG 288 ; Prior Application removed - See Palm or File Wrapper  
 Db 229 EFHSVELNRGNVLYRRTTASVWTKPKPVLRNIAITGAYTSSCPCKPRTADKG 288 ; NUMBER OF SEQ ID NOS: 550  
 Qy 289 SSPCKLCPANSYSNKGETSCHOPDKYSEKCSSCNVRPACTDQDYFYTHTACDANGET 348 ; SEQ ID NO: 38  
 Db 289 SSPCKLCPANSYSNKGETSCHOPDKYSEKCSSCNVRPACTDQDYFYTHTACDANGET 348 ; LENGTH: 1013  
 Qy 349 QLMYKWAQPKCSEDLEGAVKLPSAGVKTHCPCPNCNPQFFKTNINSTQCPCPGYSYSNGSDC 408 ;  
 Db 349 QLMYKWAQPKCSEDLEGAVKLPSAGVKTHCPCPNCNPQFFKTNINSTQCPCPGYSYSNGSDC 408 ;  
 Qy 409 TRCPAGIEPAVFEKYWKWNTLPNTMETTIVLSINFNEYKGMTQEWAGDHITAAGASND 468 ;  
 Db 409 TRCPAGIEPAVFEKYWKWNTLPNTMETTIVLSINFNEYKGMTQEWAGDHITAAGASND 468 ;  
 Qy 469 FMILLTUVPGFRPQSMADENKEVARITYFETICSUNCELYFMVGUNSRNTNPVETW 528 ;  
 Db 469 FMILLTUVPGFRPQSMADENKEVARITYFETICSUNCELYFMVGUNSRNTNPVETW 528 ;  
 Qy 529 KGSKGKSYTYIENNTTSFWAFORTTHEASRKNTNDVAKISINVNTMNGVASYC 588 ;  
 Db 529 KGSKGKSYTYIENNTTSFWAFORTTHEASRKNTNDVAKISINVNTMNGVASYC 588 ;  
 Qy 589 RPKCALEASDVGSCTSCPAGYIDRSGTCHSCPPNTLIKHOQYGVQACVPCGGPTKNN 648 ;  
 Db 589 RPKCALEASDVGSCTSCPAGYIDRSGTCHSCPPNTLIKHOQYGVQACVPCGGPTKNN 648 ;  
 Qy 649 KIHSLCNDCTSNTPTRNTPTRTENFSALANTVLAGPSFFSKGLKYFHHFTLSLCNQG 708 ;  
 Db 649 KIHSLCNDCTSNTPTRNTPTRTENFSALANTVLAGPSFFSKGLKYFHHFTLSLCNQG 708 ;  
 Qy 709 RKMVSCTDNVTLIRIPGESEGSKSITAYVCOVITPEPVTKAGVSSQPSLADRIG 768 ;  
 Db 709 RKMVSCTDNVTLIRIPGESEGSKSITAYVCOVITPEPVTKAGVSSQPSLADRIG 768 ;  
 Qy 769 VTTDMTDLGITSPAELFILESLGIPDVFYRSNDVTOQSCSGRSTIRVSPQKVPG 828 ;  
 Db 769 VTTDMTDLGITSPAELFILESLGIPDVFYRSNDVTOQSCSGRSTIRVSPQKVPG 828 ;  
 Qy 829 SLLPGLTCSDDGTCDDGCNHFHFLWESAAACPLCSVADYHAIVSSCVAGIQ 876 ;  
 Db 829 SLLPGLTCSDDGTCDDGCNHFHFLWESAAACPLCSVADYHAIVSSCVAGIQ 876 ;  
 RESULT 29 ;  
 US-10-140-925-38 ;  
 ; Sequence 38, Application US/10140925 ;  
 ; Publication No. US20030073215A1 ;  
 ; GENERAL INFORMATION: ;  
 ; APPLICANT: Baker, Kevin P. ;  
 ; APPLICANT: Berejini, Maureen ;  
 ; APPLICANT: Beresin, Maureen ;  
 ; APPLICANT: DeForge, Laura ;  
 ; APPLICANT: Dennoyer, Luc ;  
 ; APPLICANT: Filavoroff, Ellen ;  
 ; APPLICANT: Gao, Wei-Qiang ;  
 ; APPLICANT: Gerritsen, Mary E. ;  
 ; APPLICANT: Goddard, Audrey ;  
 ; APPLICANT: Godowski, Paul J. ;  
 ; APPLICANT: Gurney, Austin L. ;  
 ; APPLICANT: Sherwood, Steven ;  
 ; APPLICANT: Smith, Victoria ;  
 ; APPLICANT: Stewart, Timothy A. ;  
 ; APPLICANT: Tumas, Daniel ;  
 ; APPLICANT: Watanabe, Colin K ;  
 ; APPLICANT: Wood, William ;  
 ; APPLICANT: Zhang, Zemin ;  
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ;  
 ; TITLE OF INVENTION: ACIDS ENCODING THE SAME ;  
 ; FILE REFERENCE: P333UR1C187 ;  
 ; CURRENT APPLICATION NUMBER: US/10/140, 925 ;  
 ; OTHER INFORMATION: unknown amino acid ;  
 ; US-10-140-925-38 ;  
 ; Query Match 70.7%; Score 708; DB 9; Length 1013;  
 ; Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;  
 ; Matches 708; Conservative 0;  
 ; NAME/KY: unsure ;  
 ; LOCATION: 877, 882 ;  
 ; TYPE: PRT ;  
 ; ORGANISM: Homo sapien ;  
 ; FEATURE: ;  
 ; ;  
 Qy 169 NTDECTATLMAVNLIQSGTNFVYYPDSSTIEFFVQNDQCQPNADDSSRMKITEKGW 228 ;  
 Db 169 NTDECTATLMAVNLIQSGTNFVYYPDSSTIEFFVQNDQCQPNADDSSRMKITEKGW 228 ;  
 Qy 229 EFHSVELNRGNVLYRRTTASVWTKPKPVLRNIAITGAYTSSCPCKPRTADKG 288 ;  
 Db 229 EFHSVELNRGNVLYRRTTASVWTKPKPVLRNIAITGAYTSSCPCKPRTADKG 288 ;  
 Qy 289 SSPCKLCPANSYSNKGETSCHOPDKYSEKCSSCNVRPACTDQDYFYTHTACDANGET 348 ;  
 Db 289 SSPCKLCPANSYSNKGETSCHOPDKYSEKCSSCNVRPACTDQDYFYTHTACDANGET 348 ;  
 Qy 349 QLMYKWAQPKCSEDLEGAVKLPSAGVKTHCPCPNCNPQFFKTNINSTQCPCPGYSYSNGSDC 408 ;  
 Db 349 QLMYKWAQPKCSEDLEGAVKLPSAGVKTHCPCPNCNPQFFKTNINSTQCPCPGYSYSNGSDC 408 ;  
 Qy 409 TRCPAGIEPAVFEKYWKWNTLPNTMETTIVLSINFNEYKGMTQEWAGDHITAAGASND 468 ;  
 Db 409 TRCPAGIEPAVFEKYWKWNTLPNTMETTIVLSINFNEYKGMTQEWAGDHITAAGASND 468 ;  
 Qy 469 FMILLTUVPGFRPQSMADENKEVARITYFETICSUNCELYFMVGUNSRNTNPVETW 528 ;  
 Db 469 FMILLTUVPGFRPQSMADENKEVARITYFETICSUNCELYFMVGUNSRNTNPVETW 528 ;  
 Qy 529 KGSKGKSYTYIENNTTSFWAFORTTHEASRKNTNDVAKISINVNTMNGVASYC 588 ;  
 Db 529 KGSKGKSYTYIENNTTSFWAFORTTHEASRKNTNDVAKISINVNTMNGVASYC 588 ;  
 Qy 589 RPKCALEASDVGSCTSCPAGYIDRSGTCHSCPPNTLIKHOQYGVQACVPCGGPTKNN 648 ;  
 Db 589 RPKCALEASDVGSCTSCPAGYIDRSGTCHSCPPNTLIKHOQYGVQACVPCGGPTKNN 648 ;  
 Qy 649 KIHSLCNDCTSNTPTRNTPTRTENFSALANTVLAGPSFFSKGLKYFHHFTLSLCNQG 708 ;  
 Db 649 KIHSLCNDCTSNTPTRNTPTRTENFSALANTVLAGPSFFSKGLKYFHHFTLSLCNQG 708 ;  
 Qy 709 RKMVSCTDNVTLIRIPGESEGSKSITAYVCOVITPEPVTKAGVSSQPSLADRIG 768 ;  
 Db 709 RKMVSCTDNVTLIRIPGESEGSKSITAYVCOVITPEPVTKAGVSSQPSLADRIG 768 ;  
 Qy 769 VTTDMTDLGITSPAELFILESLGIPDVFYRSNDVTOQSCSGRSTIRVSPQKVPG 828 ;  
 Db 769 VTTDMTDLGITSPAELFILESLGIPDVFYRSNDVTOQSCSGRSTIRVSPQKVPG 828 ;  
 Qy 829 SLLPGLTCSDDGTCDDGCNHFHFLWESAAACPLCSVADYHAIVSSCVAGIQ 876 ;  
 Db 829 SLLPGLTCSDDGTCDDGCNHFHFLWESAAACPLCSVADYHAIVSSCVAGIQ 876 ;  
 RESULT 30 ;  
 US-10-160-498-38 ;  
 ; Sequence 38, Application US/10160498 ;  
 ; Publication No. US20030073216A1 ;  
 ; GENERAL INFORMATION: ;  
 ; APPLICANT: Baker, Kevin P. ;  
 ; APPLICANT: Berejini, Maureen ;

APPLICANT: DeForge, Laura  
 APPLICANT: Destroyers Luc  
 APPLICANT: Filvaroff, Ellen  
 APPLICANT: Gao, Wei-Qiang  
 APPLICANT: Gerritsen, Mary E.  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Godkowska, Paul J.  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Sherwood, Steven  
 APPLICANT: Smith, Victoria  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tumas, Daniel  
 APPLICANT: Wattabe, Colin K  
 APPLICANT: Wood, William  
 APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3310R1C51

CURRENT APPLICATION NUMBER: US10/160,498

PRIOR APPLICATION removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO: 38

LENGTH: 1013

TYPE: PRT

ORGANISM: Homo Sapien

FEATURE:

NAME/KEY: unsure

LOCATION: 877, 882

OTHER INFORMATION: unknown amino acid

US-10-160-498-38

Query Match 70.7%; Score 708; DB 9; Length 1013;  
 Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 NTDECTATLMAVNLKGSTGNPEFYYPDSSITFEPVQDQCPNADRSRMKTEKGW 228  
 Db 169 NTDECTATLMAVNLKGSTGNPEFYYPDSSITFEPVQDQCPNADRSRMKTEKGW 228

QY 229 EFHSVEALNRGNVLYRRTTASUWVTKPKPLVRNIAITGTYAATYSECPPKPGYADKQ 288  
 Db 229 EFHSVEALNRGNVLYRRTTASUWVTKPKPLVRNIAITGTYAATYSECPPKPGYADKQ 288

QY 289 SSFKKLCPANSYSNKGETSCHQCDPKYSKGSSCNVRACTDKYFTHTACANGT 348  
 Db 289 SSFKKLCPANSYSNKGETSCHQCDPKYSKGSSCNVRACTDKYFTHTACANGT 348

QY 349 QIMYKWAQPKICSEDELAGKLPLASGVKTHCPCPNGPFRKINISTCOPFGYISNGSDC 408  
 Db 349 QIMYKWAQPKICSEDELAGKLPLASGVKTHCPCPNGPFRKINISTCOPFGYISNGSDC 408

QY 409 TRCPAGTEPVGPEKWMILPTINMETTWLGINPEYKOMTGMEVAGDIIYTAGASND 468  
 Db 409 TRCPAGTEPVGPEKWMILPTINMETTWLGINPEYKOMTGMEVAGDIIYTAGASND 468

QY 469 FMLLTUVPGFRPPQSMADTENKEVARITFVETLCNSNCYFPMVGVNRSNTPVETW 528  
 Db 469 FMLLTUVPGFRPPQSMADTENKEVARITFVETLCNSNCYFPMVGVNRSNTPVETW 528

QY 529 KGSKKGKQSYTIVILEENTTSFTWAORTTHEASRKYNDVAKLYSINVNTNGIASYC 588  
 Db 529 KGSKKGKQSYTIVILEENTTSFTWAORTTHEASRKYNDVAKLYSINVNTNGIASYC 588

QY 589 RPPCALEASDVGSSCTSPCAGYYIDRDSGTHCSPPNTLKAMOPYGQACTCAGPGTKNN 648  
 Db 589 RPPCALEASDVGSSCTSPCAGYYIDRDSGTHCSPPNTLKAMOPYGQACTCAGPGTKNN 648

QY 649 KIISLICYNDCTFSRNTPTRTENTNSALANTVLAGPSPTSKGLKPFHFTSLCQNQ 708  
 Db 649 KIISLICYNDCTFSRNTPTRTENTNSALANTVLAGPSPTSKGLKPFHFTSLCQNQ 708

QY 709 RKMWSVCTDNVTLRIPEDSGSISKSITAVCQAVILPEVTGKAGSSQQSVSLADRIG 768  
 Db 709 RKMWSVCTDNVTLRIPEDSGSISKSITAVCQAVILPEVTGKAGSSQQSVSLADRIG 768

QY 769 VTTDMTDIGTSPAELPHLESIGIPDVIFYRSDNTQCSGRRTIRCSPOKTVPG 828  
 Db 769 VTTDMTDIGTSPAELPHLESIGIPDVIFYRSDNTQCSGRRTIRCSPOKTVPG 828

QY 829 SLLPGRCSDPDGCFNHLWESAAACPLCSVADHAYHAIVSCVAGIQ 876  
 Db 829 SLLPGRCSDPDGCFNHLWESAAACPLCSVADHAYHAIVSCVAGIQ 876

RESULT 31  
 US-09-925-299-982

; Sequence 982, Application US/09925299  
 ; Publication No. US2003004061A9

; GENERAL INFORMATION:

; APPLICANT: Rosen et al.

; FILE REFERENCE: PA102

; CURRENT APPLICATION NUMBER: US10/925, 299

; CURRENT FILING DATE: 2001-08-10

; PRIOR APPLICATION NUMBER: PCT/US00/05883

; PRIOR FILING DATE: 2000-03-08

; PRIOR APPLICATION NUMBER: 60/124, 270

; PRIOR FILING DATE: 1999-03-12

; NUMBER OF SEQ ID NOS: 1556

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO: 982

; LENGTH: 208

; TYPE: PRT

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: SITE

; LOCATION: (1)

; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

; NAME/KEY: SITE

; LOCATION: (4)

; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

; NAME/KEY: SITE

; LOCATION: (9)

; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

; NAME/KEY: SITE

; LOCATION: (180)

; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

; NAME/KEY: SITE

; LOCATION: (122)

; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

; NAME/KEY: SITE

; LOCATION: (193)

; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

; NAME/KEY: SITE

; LOCATION: (194)

; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

; NAME/KEY: SITE

; LOCATION: (195)

; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

; NAME/KEY: SITE

; LOCATION: (200)

; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

US-09-925-299-982

Query Match 15.0%; Score 150; DB 9; Length 208;  
 Best Local Similarity 100.0%; Pred. No. 2.7e-142; Mismatches 0; Indels 0; Gaps 0;

QY 690 SKGLKPFHFTSLCQNQSKRMSCTDNVTLRIPEDSGSISKSITAVCQAVILPEVT 749  
 Db 30 SKGLKPFHFTSLCQNQSKRMSCTDNVTLRIPEDSGSISKSITAVCQAVILPEVT 749

QY 750 GYKACVSOPSLADRLGIVTMTDGTSPAEFLHESLGIPDVIFYRSDNTQCS 809  
 Db 80 GYKACVSOPSLADRLGIVTMTDGTSPAEFLHESLGIPDVIFYRSDNTQCS 809

RESULT 33 ; US-10-140-164-4  
 Qy 810 SGRTTIVRCSPQKTVPGSLLPGTCSDG 839 ; Sequence 4, Application US/10140164  
 Db 150 SGRTTIVRCSPQKTVPGSLLPGTCSDG 179 ; Publication No. US20030072736A1

GENERAL INFORMATION:  
 ; APPLICANT: Rosen et al.  
 ; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies  
 FILE REFERENCE: FA102 ; GENERAL INFORMATION:  
 CURRENT APPLICATION NUMBER: US/10/140,164  
 CURRENT FILING DATE: 2001-05-08  
 PRIOR APPLICATION NUMBER: PCT/US00/05883  
 PRIOR FILING DATE: 2000-03-08  
 PRIOR APPLICATION NUMBER: US/09/925,299  
 PRIOR FILING DATE: 1999-03-12  
 NUMBER OF SEQ ID NOS: 1556  
 SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO: 932  
 LENGTH: 208  
 TYPE: PRT  
 ORGANISM: Homo sapiens

FEATURE:  
 NAME/KEY: SITE  
 LOCATION: (1)  
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
 NAME/KEY: SITE  
 LOCATION: (4)  
 OTHER INFORMATION:  
 NAME/KEY: SITE  
 LOCATION: (9)  
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
 NAME/KEY: SITE  
 LOCATION: (180)  
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
 NAME/KEY: SITE  
 LOCATION: (192)  
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
 NAME/KEY: SITE  
 LOCATION: (193)  
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
 NAME/KEY: SITE  
 LOCATION: (194)  
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
 NAME/KEY: SITE  
 LOCATION: (195)  
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
 NAME/KEY: SITE  
 LOCATION: (200)  
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
 US-09-925-299-982

Query Match 15.0%; Score 150; DB 10; Length 208;  
 Best Local Similarity 100.0%; Pred. No. 2.7e-12; Matches 150; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 34 ; US-10-002-050-10  
 Qy 926 LTCYFWKENQKLEYKYSKLM 946 ; Sequence 10, Application US/0002050  
 Db 943 LTCYFWKENQKLEYKYSKLM 963 ; Publication No. US2003032095A1

GENERAL INFORMATION:  
 ; APPLICANT: Shinkerts, Richard  
 ; APPLICANT: Fernandes, Elma  
 ; APPLICANT: Vernet, Corine  
 ; APPLICANT: Yang, Meijia  
 ; APPLICANT: Boldog, Ferenc  
 ; APPLICANT: Harrmann, John  
 ; TITLE OF INVENTION: No. US2003032095A1 Nucleic Acid Sequences Encoding Human Semar

FILE REFERENCE: 1596-554 Cura-54 CON-514  
 CURRENT APPLICATION NUMBER: US/10/002,050  
 CURRENT FILING DATE: 2001-11-02  
 PRIOR APPLICATION NUMBER: 09/604,286  
 PRIOR FILING DATE: 2000-06-22  
 PRIOR APPLICATION NUMBER: 60/140,584  
 PRIOR FILING DATE: 1999-06-23  
 NUMBER OF SEQ ID NOS: 49  
 SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO: 10  
 LENGTH: 411  
 TYPE: PRT  
 ORGANISM: Homo sapiens

Query Match 1.5%; Score 15; DB 9; Length 411;  
 Best Local Similarity 100.0%; Pred. No. 1.8e-06; Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 268 GYATTSCTCCKPGT 282  
 ;|||||||  
 ; Sequence 10, Application US/10002304  
 ; Publication No. US20030036185A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Shimkets, Richard  
 ; APPLICANT: Fernandes, Elma  
 ; APPLICANT: Vernet, Corine  
 ; APPLICANT: Yang, Meijia  
 ; APPLICANT: Boldog, Ferenc  
 ; APPLICANT: Herrmann, John  
 ; TITLE OF INVENTION: Polynucleotides and polypeptides encoded thereby  
 ; FILE REFERENCE: 1596-554 Cura-54 CON-SB  
 ; CURRENT APPLICATION NUMBER: US/10/002,304  
 ; CURRENT FILING DATE: 2001-11-02  
 ; PRIORITY FILING DATE: 1999-06-23  
 ; PRIORITY APPLICATION NUMBER: 60/140,584  
 ; PRIORITY FILING DATE: 2000-06-22  
 ; PRIORITY APPLICATION NUMBER: 60/140,584  
 ; NUMBER OF SEQ ID NOS: 49  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 10  
 ; LENGTH: 411  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-10-002-304-10

RESULT 35  
 Query Match 1.5%; Score 15; DB 9; Length 411;  
 Best Local Similarity 100.0%; Pred. No. 1.8e-06;  
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 268 GYATTSCTCCKPGT 282  
 Db 116 GYATTSCTCCKPGT 130

US-10-002-304-10

Qy 268 GYATTSCTCCKPGT 282  
 ;|||||||  
 ; Sequence 20, Application US/10002050  
 ; Publication No. US20030032095A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Shimkets, Richard  
 ; APPLICANT: Fernandes, Elma  
 ; APPLICANT: Vernet, Corine  
 ; APPLICANT: Yang, Meijia  
 ; APPLICANT: Boldog, Ferenc  
 ; APPLICANT: Herrmann, John  
 ; TITLE OF INVENTION: No. US20030032095A1el Nucleic Acid Sequences Encoding Human Semaphorin-1  
 ; FILE REFERENCE: 15966-554 Cura-54 CON-S14  
 ; CURRENT APPLICATION NUMBER: US/10/002,050  
 ; CURRENT FILING DATE: 2001-11-02  
 ; PRIORITY FILING DATE: 1999-06-23  
 ; PRIORITY APPLICATION NUMBER: 60/140,584  
 ; PRIORITY FILING DATE: 2000-06-22  
 ; PRIORITY APPLICATION NUMBER: 60/140,584  
 ; NUMBER OF SEQ ID NOS: 49  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 20  
 ; LENGTH: 464  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-10-002-050-20

RESULT 36  
 Query Match 1.5%; Score 15; DB 9; Length 411;  
 Best Local Similarity 100.0%; Pred. No. 1.8e-06;  
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 268 GYATTSCTCCKPGT 282  
 Db 116 GYATTSCTCCKPGT 130

US-10-003-152-10  
 ; Sequence 10, Application US/10003152  
 ; Patient No. US20020151494A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Shimkets, Richard  
 ; APPLICANT: Fernandes, Elma  
 ; APPLICANT: Vernet, Corine  
 ; APPLICANT: Yang, Meijia  
 ; APPLICANT: Boldog, Ferenc  
 ; APPLICANT: Herrmann, John  
 ; TITLE OF INVENTION: No. US20020151494A1el Amino Acid Sequences for Human Semaphorin-1  
 ; FILE REFERENCE: 15966-554 Cura-54 CON-S12  
 ; CURRENT APPLICATION NUMBER: US/10/003,152  
 ; CURRENT FILING DATE: 2001-11-02  
 ; PRIORITY APPLICATION NUMBER: 60/140,584  
 ; PRIORITY FILING DATE: 2000-06-22  
 ; PRIORITY APPLICATION NUMBER: 60/140,584  
 ; PRIORITY FILING DATE: 1999-06-23  
 ; NUMBER OF SEQ ID NOS: 49  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 1  
 ; LENGTH: 411  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-10-003-152-10

RESULT 37  
 Query Match 1.5%; Score 15; DB 9; Length 464;  
 Best Local Similarity 100.0%; Pred. No. 2.1e-06;  
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 268 GYATTSCTCCKPGT 282  
 Db 116 GYATTSCTCCKPGT 130

US-10-002-304-20  
 ; Sequence 20, Application US/10002050  
 ; Publication No. US20030032095A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Shimkets, Richard  
 ; APPLICANT: Fernandes, Elma  
 ; APPLICANT: Vernet, Corine  
 ; APPLICANT: Yang, Meijia  
 ; APPLICANT: Boldog, Ferenc  
 ; APPLICANT: Herrmann, John  
 ; TITLE OF INVENTION: No. US20030032095A1el Nucleic Acid Sequences Encoding Human Semaphorin-1  
 ; FILE REFERENCE: 15966-554 Cura-54 CON-S14  
 ; CURRENT APPLICATION NUMBER: US/10/002,050  
 ; CURRENT FILING DATE: 2001-11-02  
 ; PRIORITY FILING DATE: 1999-06-23  
 ; PRIORITY APPLICATION NUMBER: 60/140,584  
 ; PRIORITY FILING DATE: 2000-06-22  
 ; PRIORITY APPLICATION NUMBER: 60/140,584  
 ; NUMBER OF SEQ ID NOS: 49  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 20  
 ; LENGTH: 464  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-10-002-304-20

Query Match 1.5%; Score 15; DB 9; Length 464;  
 Best Local Similarity 100.0%; Pred. No. 1.8e-06;  
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 39

Db 169 GVA~~T~~S~~C~~F~~P~~C~~K~~P~~G~~T 183

US-10-003-152-20

; Sequence 20, Application US/10003152

; Patent No. US20020151494A1

; GENERAL INFORMATION:

; APPLICANT: Shinkets, Richard

; APPLICANT: Fernandes, Elma

; APPLICANT: Vernet, Corine

; APPLICANT: Yang, Mejia

; APPLICANT: Boldog, Ferenc

; APPLICANT: Herrmann, John

; TITLE OF INVENTION: No. US20020151494A1<1> Amino Acid Sequences for Human Semaphorin-1

; FILE REFERENCE: 15965-554 Quir CON-S12

; CURRENT APPLICATION NUMBER: US/10/003,152

; CURRENT FILING DATE: 2001-11-02

; PRIOR APPLICATION NUMBER: 09/604,285

; PRIOR FILING DATE: 2000-06-22

; PRIOR APPLICATION NUMBER: 60/140,584

; PRIOR FILING DATE: 1999-05-23

; NUMBER OF SEQ ID NOS: 49

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO: 20

; LENGTH: 64

; TYPE: PRT

; ORGANISM: Homo sapiens

US-10-003-152-20

RESULT 40

US-10-140-164-2

Query Match 1.5%; Score 15; DB 12; Length 464;

Best Local Similarity 100.0%; Pred. No. 2.1e-06; Mismatches 0; Indels 0; Gaps 0;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 268 GVA~~T~~S~~C~~F~~P~~C~~K~~P~~G~~T 282

Db 169 GVA~~T~~S~~C~~F~~P~~C~~K~~P~~G~~T 183

---

RESULT 40

US-10-140-164-2

Sequence 2, Application US/10140164

Publication No. US20030072736A1

; GENERAL INFORMATION:

; APPLICANT: Baker et al.

; TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR16

; FILE REFERENCE: P514C1

; CURRENT APPLICATION NUMBER: US/10/140,164

; CURRENT FILING DATE: 2002-03-08

; PRIOR APPLICATION NUMBER: 09/637,856

; PRIOR FILING DATE: 2000-08-10

; PRIOR APPLICATION NUMBER: 60/148,348

; PRIOR FILING DATE: 1999-08-12

; PRIOR APPLICATION NUMBER: 60/148,683

; PRIOR FILING DATE: 1999-08-13

; PRIOR APPLICATION NUMBER: 60/148,870

; PRIOR FILING DATE: 1999-08-13

; PRIOR APPLICATION NUMBER: 60/148,758

; PRIOR FILING DATE: 1999-08-16

; PRIOR APPLICATION NUMBER: 60/149,181

; PRIOR FILING DATE: 1999-08-17

; PRIOR APPLICATION NUMBER: 60/149,453

; PRIOR FILING DATE: 1999-08-18

; PRIOR APPLICATION NUMBER: 60/149,498

; PRIOR FILING DATE: 1999-08-19

; NUMBER OF SEQ ID NOS: 76

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO: 2

; LENGTH: 963

; TYPE: PRT

; ORGANISM: Homo sapiens

US-10-140-164-2

Query Match 1.5%; Score 15; DB 9; Length 963;

Best Local Similarity 100.0%; Pred. No. 3.9e-06; Mismatches 0; Indels 0; Gaps 0;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 268 GVA~~T~~S~~C~~F~~P~~C~~K~~P~~G~~T 282

Db 283 GVA~~T~~S~~C~~F~~P~~C~~K~~P~~G~~T 297

---

RESULT 41

US-03-864-761-39644

; Sequence 39644 Application US/09864761

; Patent No. US20020048763A1

; GENERAL INFORMATION:

; APPLICANT: Penn, Sharron G.

; APPLICANT: Rank, David R.

; APPLICANT: Hanzel, David K.

; APPLICANT: Chen, Wensheng

; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR GENE EXPRESSION ANALYSIS BY MICROARRAY

; TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY

; FILE REFERENCE: Aeomica-X-1

; CURRENT APPLICATION NUMBER: US/09/3964,761

; CURRENT FILING DATE: 2001-05-23

; PRIOR APPLICATION NUMBER: US 60/180,312

; PRIOR FILING DATE: 2000-02-04

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: US 09/632,366

; PRIOR FILING DATE: 2000-08-03

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00652

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00661

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00670

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: US 60/234,687

; PRIOR FILING DATE: 2000-09-21

; PRIOR APPLICATION NUMBER: US 09/608,408

; PRIOR FILING DATE: 2000-06-30

; PRIOR APPLICATION NUMBER: US 09/774,203

; PRIOR FILING DATE: 2001-01-29

; NUMBER OF SEQ ID NOS: 49117

; SOFTWARE: Animax Sequence Listing Engine vers. 1.1

; SEQ ID NO: 39644

; LENGTH: 50

; TYPE: PRT

; ORGANISM: Homo sapiens

; FEATURE:

; OTHER INFORMATION: MAP TO AC002081.1

; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.3

; OTHER INFORMATION: EXPRESSED IN HEK293, SIGNAL = 1.7

; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.7

; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.5

; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.3

OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.4  
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.6  
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.4  
; OTHER INFORMATION: SWISSPROT HIT: Q59295, EVALUE 2.10e+00  
US-09-964-761-3964

Query Match 1.4%; Score 14; DB 10; Length 50;  
Best Local Similarity 100.0%; Pred. No. 2.9e-06; Mismatches 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 955 LPADSCAIMEGED 968  
Db 19 LPADSCAIMEGED 32

RESULT 42  
US-10-140-164-35  
; Sequence 36, Application US/10140164  
; Publication No. US20030072736A1  
GENERAL INFORMATION:  
APPLICANT: Baker et al.  
TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR16  
FILE REFERENCE: PPS14C1  
CURRENT APPLICATION NUMBER: US/10/140,164  
CURRENT FILING DATE: 2002-05-08  
PRIOR APPLICATION NUMBER: 09/637,856  
PRIOR FILING DATE: 2000-08-10  
PRIOR APPLICATION NUMBER: 60/148,348  
PRIOR FILING DATE: 1999-08-12  
PRIOR APPLICATION NUMBER: 60/148,683  
PRIOR FILING DATE: 1999-08-13  
PRIOR APPLICATION NUMBER: 60/148,870  
PRIOR FILING DATE: 1999-08-13  
PRIOR APPLICATION NUMBER: 60/148,758  
PRIOR FILING DATE: 1999-08-16  
PRIOR APPLICATION NUMBER: 60/149,181  
PRIOR FILING DATE: 1999-08-17  
PRIOR APPLICATION NUMBER: 60/149,453  
PRIOR FILING DATE: 1999-08-18  
PRIOR APPLICATION NUMBER: 60/149,498  
PRIOR FILING DATE: 1999-08-19  
NUMBER OF SEQ ID NOS: 76  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 36  
LENGTH: 78  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-140-164-65

Query Match 1.4%; Score 14; DB 9; Length 78;  
Best Local Similarity 100.0%; Pred. No. 4.3e-06; Mismatches 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 933 KNOCKLEYKYSKUM 946  
Db 1 KNOCKLEYKYSKUM 14

RESULT 44  
US-09-864-761-39194  
; Sequence 39194, Application US/09864761  
; Patent No. US2002048763A1  
GENERAL INFORMATION:  
APPLICANT: Penn, Sharron G.  
APPLICANT: Rank, David R.  
APPLICANT: Haneel, David K.  
APPLICANT: Chen, Wensheng  
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR  
FILE REFERENCE: Aeomica-X-1  
CURRENT APPLICATION NUMBER: US/09/864,751  
CURRENT FILING DATE: 2001-05-23  
PRIOR APPLICATION NUMBER: US 60/180,312  
PRIOR FILING DATE: 2000-02-04  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-03-26  
PRIOR APPLICATION NUMBER: US 09/632,366  
PRIOR FILING DATE: 2000-08-03  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/235,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687

RESULT 43  
US-10-140-164-65  
; Sequence 65, Application US/10140164  
; Publication No. US20030072736A1  
GENERAL INFORMATION:  
APPLICANT: Baker et al.  
TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR16  
FILE REFERENCE: PPS14C1  
CURRENT APPLICATION NUMBER: US/10/140,164  
CURRENT FILING DATE: 2002-05-08  
PRIOR APPLICATION NUMBER: 09/637,856  
PRIOR FILING DATE: 2000-08-10  
PRIOR APPLICATION NUMBER: 60/148,348  
PRIOR FILING DATE: 1999-08-12  
PRIOR APPLICATION NUMBER: 60/148,683  
PRIOR FILING DATE: 1999-08-13  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687

	Matches	9;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0;
Qy	964	MEGEDVEDD	972							
Db	41	MEGEDVEDD	49							
<b>RESULT 46</b> US-10-140-164-28 ; Sequence 28, Application US/10140164 ; Publication No. US20030072736A1										
<b>GENERAL INFORMATION:</b>										
*APPLICANT: Baker et al.										
; TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR16										
; FILE REFERENCE: PFS14C1										
; CURRENT APPLICATION NUMBER: US/10/140,164										
; CURRENT FILING DATE: 2002-05-08										
; PRIOR APPLICATION NUMBER: 09/637,856										
; PRIOR FILING DATE: 2000-08-10										
; PRIOR APPLICATION NUMBER: 60/148,348										
; PRIOR FILING DATE: 1999-08-12										
; PRIOR APPLICATION NUMBER: 60/148,683										
; PRIOR FILING DATE: 1999-08-13										
; PRIOR APPLICATION NUMBER: 60/148,870										
; PRIOR FILING DATE: 1999-08-13										
; PRIOR APPLICATION NUMBER: 60/148,758										
; PRIOR FILING DATE: 1999-08-16										
; PRIOR APPLICATION NUMBER: 60/149,181										
; PRIOR FILING DATE: 1999-08-17										
; PRIOR APPLICATION NUMBER: 60/149,453										
; PRIOR FILING DATE: 1999-08-18										
; PRIOR APPLICATION NUMBER: 60/149,498										
; PRIOR FILING DATE: 1999-08-19										
; NUMBER OF SEQ ID NOS: 76										
<b>SOFTWARE:</b> PatentIn Ver. 2.1										
SEQ ID NO	28									
LENGTH	8									
TYPE	PRT									
<b>ORGANISM:</b> Homo sapiens										
<b>FEATURE:</b>										
NAME/KEY: SITE										
LOCATION: (321)										
OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids										
NAME/KEY: SITE										
LOCATION: (332)										
OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids										
NAME/KEY: SITE										
LOCATION: (333)										
OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids										
NAME/KEY: SITE										
LOCATION: (337)										
OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids										
NAME/KEY: SITE										
LOCATION: (511)										
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids										
US-09-925-300-1680										
Query Match 0.9%; Score 9; DB 10; Length 519;										
Best Local Similarity 100.0%; Pred. No. 2.4;										
; Sequence 1680, Application US/09925300										
; Patent No. US20020151681A1										
<b>GENERAL INFORMATION:</b>										
*APPLICANT: Craig Rosen,										
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies										
; FILE REFERENCE: PA101										
; CURRENT APPLICATION NUMBER: US/09/925,300										
; CURRENT FILING DATE: 2001-08-10										
; PRIOR APPLICATION NUMBER: PCT/US00/05988										
; PRIOR FILING DATE: 2000-03-08										
; PRIOR APPLICATION NUMBER: 60/1124,270										
; PRIOR FILING DATE: 1999-03-12										
; NUMBER OF SEQ ID NOS: 1680										
; SOFTWARE: PatentIn Ver. 2.0										
SEQ ID NO 1680										
LENGTH: 519										
TYPE: PRT										
ORGANISM: Homo sapiens										
<b>FEATURE:</b>										
NAME/KEY: SITE										
LOCATION: (321)										
OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids										
NAME/KEY: SITE										
LOCATION: (332)										
OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids										
NAME/KEY: SITE										
LOCATION: (333)										
OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids										
NAME/KEY: SITE										
LOCATION: (337)										
OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids										
NAME/KEY: SITE										
LOCATION: (511)										
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids										
US-09-925-300-1680										
Query Match 0.9%; Score 9; DB 10; Length 519;										
Best Local Similarity 100.0%; Pred. No. 2.4;										
; Sequence 1680, Application US/10140164										
; Publication No. US20030072736A1										
<b>GENERAL INFORMATION:</b>										
*APPLICANT: Baker et al.										
; TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR16										
; FILE REFERENCE: PFS14C1										
; CURRENT APPLICATION NUMBER: US/10/140,164										
; CURRENT FILING DATE: 2002-05-08										
; PRIOR APPLICATION NUMBER: 09/637,856										
; PRIOR FILING DATE: 2000-08-10										
; PRIOR APPLICATION NUMBER: 60/148,348										
; PRIOR FILING DATE: 1999-08-12										
; PRIOR APPLICATION NUMBER: 60/148,683										
; PRIOR FILING DATE: 1999-08-13										
; PRIOR APPLICATION NUMBER: 60/148,870										
; PRIOR FILING DATE: 1999-08-13										
; PRIOR APPLICATION NUMBER: 60/148,758										
; PRIOR FILING DATE: 1999-08-16										
; PRIOR APPLICATION NUMBER: 60/149,181										
; PRIOR FILING DATE: 1999-08-17										
; PRIOR APPLICATION NUMBER: 60/149,453										
; PRIOR FILING DATE: 1999-08-18										
; PRIOR APPLICATION NUMBER: 60/149,498										
; PRIOR FILING DATE: 1999-08-19										
; NUMBER OF SEQ ID NOS: 76										
<b>SOFTWARE:</b> PatentIn Ver. 2.1										
SEQ ID NO	28									
LENGTH	8									
TYPE	PRT									
<b>ORGANISM:</b> Homo sapiens										
<b>FEATURE:</b>										
NAME/KEY: SITE										
LOCATION: (321)										
OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids										
NAME/KEY: SITE										
LOCATION: (332)										
OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids										
NAME/KEY: SITE										
LOCATION: (333)										
OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids										
NAME/KEY: SITE										
LOCATION: (337)										
OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids										
NAME/KEY: SITE										
LOCATION: (511)										
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids										
US-09-925-300-1680										
Query Match 0.9%; Score 9; DB 10; Length 519;										
Best Local Similarity 100.0%; Pred. No. 2.4;										

RESULT 48 ;  
; PRIOR FILING DATE: 1999-08-18  
; PRIOR APPLICATION NUMBER: 60/149,498  
; PRIOR FILING DATE: 1999-08-19  
; NUMBER OF SEQ ID NOS: 76  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO: 57  
; LENGTH: 8  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-10-140-164-57

Query Match ;  
Best Local Similarity 100.0%; Score 8; DB 9; Length 8;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 933 KNOCKLEYK 940  
Db 1 KNQKLEYK 8

RESULT 49 ;  
US-09-864-761-39057  
; Sequence 39057 Application US/09864761  
; Patent No. US20020048763A1

GENERAL INFORMATION:  
; APPLICANT: Penn, Sharron G.  
; APPLICANT: Rank, David R.  
; APPLICANT: Hanzel, David K.  
; APPLICANT: Chen, Wensheng

TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR FILE REFERENCE: Aeomica-X-1

PRIOR APPLICATION NUMBER: US/09/864,761  
CURRENT FILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 60/180,312  
PRIOR FILING DATE: 2000-02-04  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: US 09/632,366  
PRIOR FILING DATE: 2000-08-03

PRIOR APPLICATION NUMBER: GB 24263,6  
PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21

PRIOR APPLICATION NUMBER: US 09/608,408  
PRIOR FILING DATE: 2000-06-30

PRIOR APPLICATION NUMBER: PCT/US01/00674  
PRIOR FILING DATE: 2001-01-29

NUMBER OF SEQ ID NOS: 49117  
SOFTWARE: Amymax Sequence Listing Engine vers. 1.1  
SEQ ID NO 39057

RESULT 49 ;  
US-09-864-761-39057  
; Sequence 47095 Application US/09864761  
; Patent No. US20020048763A1

GENERAL INFORMATION:  
; APPLICANT: Penn, Sharron G.  
; APPLICANT: Rank, David R.  
; APPLICANT: Hanzel, David K.  
; APPLICANT: Chen, Wensheng

TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR FILE REFERENCE: Aeomica-X-1

CURRENT FILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 60/180,312  
PRIOR FILING DATE: 2000-02-04  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: US 09/632,366  
PRIOR FILING DATE: 2000-08-03

PRIOR APPLICATION NUMBER: GB 24263,6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21

PRIOR APPLICATION NUMBER: US 09/608,408  
PRIOR FILING DATE: 2000-06-30



QY 790 LGIPDV1 796  
 US-09-564-761-38905  
 Sequence 38905, Application US/09864761  
 Patent No. US2002048763A1  
 GENERAL INFORMATION:  
 APPLICANT: Penn, Sharron G.  
 APPLICANT: Rank, David R.  
 APPLICANT: Hanzel, David K.  
 APPLICANT: Chen, Wensheng  
 TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR  
 TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY  
 FILE REFERENCE: Aeomica-X-1  
 CURRENT APPLICATION NUMBER: US/09/864,761  
 CURRENT FILING DATE: 2001-05-23  
 PRIOR APPLICATION NUMBER: US 60/180,312  
 PRIOR FILING DATE: 2000-02-04  
 PRIOR APPLICATION NUMBER: US 60/207,456  
 PRIOR FILING DATE: 2000-05-26  
 PRIOR APPLICATION NUMBER: US 09/632,366  
 PRIOR FILING DATE: 2000-06-03  
 PRIOR APPLICATION NUMBER: GB 24263,6  
 PRIOR FILING DATE: 2000-10-04  
 PRIOR APPLICATION NUMBER: US 60/236,359  
 PRIOR FILING DATE: 2000-09-27  
 PRIOR APPLICATION NUMBER: PCT/US01/00666  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00667  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00664  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00669  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00665  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00668  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00663  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00662  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00661  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00670  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: US 60/234,687  
 PRIOR FILING DATE: 2000-09-21  
 PRIOR APPLICATION NUMBER: US 09/608,408  
 PRIOR FILING DATE: 2000-06-30  
 PRIOR APPLICATION NUMBER: US 09/774,203  
 PRIOR FILING DATE: 2001-01-29  
 NUMBER OF SEQ ID NOS: 49117  
 SOFTWARE: Amomax Sequence Listing Engine vers. 1.1  
 SEQ ID NO 38905  
 LENGTH: 93  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 FEATURE:  
 OTHER INFORMATION: MAP TO AC003344.1  
 OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.4  
 OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.7  
 OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.1  
 OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.4  
 OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.3  
 OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.6  
 OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.2  
 RESULT 53  
 US-09-564-761-38905  
 Sequence 38905, Application US/09864761  
 Patent No. US2002048763A1  
 GENERAL INFORMATION:  
 APPLICANT: Sheppard, Paul O.  
 TITLE OF INVENTION: MAMMALIAN SECRETED PROTEINS  
 FILE REFERENCE: 00-41  
 CURRENT APPLICATION NUMBER: US/09/893,737  
 CURRENT FILING DATE: 2001-06-28  
 PRIOR APPLICATION NUMBER: US 60/215,446  
 PRIOR FILING DATE: 2000-06-30  
 NUMBER OF SEQ ID NOS: 329  
 SOFTWARE: FastSEQ for Windows Version 3.0  
 SEQ ID NO 318  
 RESULT 54  
 US-09-798-889-51  
 Sequence 51, Application US/09798889  
 Publication No. US20030094324A1  
 GENERAL INFORMATION:  
 APPLICANT: Rosen et al.  
 TITLE OF INVENTION: Human secreted proteins  
 FILE REFERENCE: PZ026P1  
 CURRENT APPLICATION NUMBER: US/09/798,889  
 CURRENT FILING DATE: 2001-03-06  
 PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/393,022  
 PRIOR FILING DATE: EARLIER FILING DATE: 1999-05-09  
 PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/077,714  
 PRIOR FILING DATE: EARLIER FILING DATE: 1998-03-12  
 PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/077,686  
 PRIOR FILING DATE: EARLIER FILING DATE: 1998-03-12  
 PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 1998-03-12  
 PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/077,687  
 PRIOR FILING DATE: EARLIER FILING DATE: 1998-03-12  
 NUMBER OF SEQ ID NOS: 185  
 SOFTWARE: Patentin Ver. 2.0  
 SEQ ID NO 51  
 LENGTH: 168  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 FEATURE:  
 NAME/KEY: SITE  
 LOCATION: (60)  
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
 NAME/KEY: SITE  
 LOCATION: (64)  
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
 NAME/KEY: SITE  
 LOCATION: (132)  
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
 US-09-798-889-51  
 Query Match 0.7%; Score 7; DB 9; Length 168;  
 Best Local Similarity 100.0%; Pred. No. 91;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 790 LGIPDV1 796  
 Db 29 LGIPDV1 35  
 RESULT 55  
 US-09-893-737-318  
 Sequence 318, Application US/09893737  
 Patent No. US2002010855A1  
 GENERAL INFORMATION:  
 APPLICANT: Presnell, Scott R.  
 TITLE OF INVENTION: MAMMALIAN SECRETED PROTEINS  
 FILE REFERENCE: 00-41  
 CURRENT APPLICATION NUMBER: US/09/893,737  
 CURRENT FILING DATE: 2001-06-28  
 PRIOR APPLICATION NUMBER: US 60/215,446  
 PRIOR FILING DATE: 2000-06-30  
 NUMBER OF SEQ ID NOS: 329  
 SOFTWARE: FastSEQ for Windows Version 3.0  
 SEQ ID NO 318

RESULT 56  
 US-10-043-487-379  
 ; Sequence 379, Application US/10043487  
 Publication No. US20030055220A1  
 GENERAL INFORMATION:  
 ; APPLICANT: HYBRIDGENICS  
 ; TITLE OF INVENTION: Protein-protein interactions between *Shigella Flexneri* polypeptides  
 FILE REFERENCE: B477BA  
 CURRENT APPLICATION NUMBER: US/10/043, 487  
 CURRENT FILING DATE: 2002-04-30  
 PRIOR APPLICATION NUMBER: US 60/261, 130  
 PRIOR FILING DATE: 2001-01-12  
 NUMBER OF SEQ ID NOS: 561  
 SOFTWARE: PatentIn version 3.1  
 SEQ ID NO 379  
 LENGTH: 261  
 TYPE: PRT  
 ORGANISM: *Shigella Flexneri*  
 US-10-043-487-379

RESULT 57  
 US-09-738-626-6417  
 Sequence 6417, Application US/09738626  
 Publication No. US20020197605A1  
 GENERAL INFORMATION:  
 ; APPLICANT: NAKAGAWA, SATOSHI  
 ; APPLICANT: MIZOGUCHI, HIROSHI  
 ; APPLICANT: ANDO, SERIKO  
 ; APPLICANT: HAYASHI, MIKIRO  
 ; APPLICANT: OCHIAI, KEIKO  
 ; APPLICANT: YOKOI, HARUHIKO  
 ; APPLICANT: TATEISHI, NAOKO  
 ; APPLICANT: SENOH, AKIHIRO  
 ; APPLICANT: IKEDA, MASATO  
 ; APPLICANT: OZAKI, AKIO  
 ; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES  
 FILE REFERENCE: 249-125  
 CURRENT APPLICATION NUMBER: US/09/738, 626  
 CURRENT FILING DATE: 2000-12-18  
 PRIOR APPLICATION NUMBER: JP 99/377484  
 PRIOR FILING DATE: 1999-12-16  
 PRIOR APPLICATION NUMBER: JP 00/159162  
 PRIOR FILING DATE: 2000-04-07  
 PRIOR APPLICATION NUMBER: JP 00/280988  
 PRIOR FILING DATE: 2000-08-03  
 NUMBER OF SEQ ID NOS: 7059  
 SOFTWARE: PatentIn ver. 3.0  
 ; SEQ ID NO 6417

RESULT 58  
 US-09-961-679-4  
 ; Sequence 4, Application US/09961679  
 ; Patent No. US20020107380A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Friddle, Carl Johan  
 ; TITLE OF INVENTION: Same  
 FILE REFERENCE: LEX-0239-USA  
 CURRENT APPLICATION NUMBER: US/09/961, 679  
 CURRENT FILING DATE: 2001-09-24  
 PRIOR APPLICATION NUMBER: US 60/235, 745  
 PRIOR FILING DATE: 2000-09-27  
 NUMBER OF SEQ ID NOS: 7  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO 4  
 LENGTH: 316  
 TYPE: PRT  
 ORGANISM: homo sapiens  
 US-09-961-679-4

RESULT 59  
 US-09-961-679-6  
 ; Sequence 6, Application US/09961679  
 ; Patent No. US20020107380A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Friddle, Carl Johan  
 ; APPLICANT: Gerhardt, Brenda  
 ; TITLE OF INVENTION: No. US20020107380A1 Human Ion-Exchanger Proteins and Polynucleotides  
 FILE REFERENCE: LEX-0239-USA  
 CURRENT APPLICATION NUMBER: US/09/961, 679  
 CURRENT FILING DATE: 2001-09-24  
 PRIOR APPLICATION NUMBER: US 60/235, 745  
 PRIOR FILING DATE: 2000-09-27  
 NUMBER OF SEQ ID NOS: 7  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO 6  
 LENGTH: 353  
 TYPE: PRT  
 ORGANISM: homo sapiens  
 US-09-961-679-6

Query Match 0.7%; Score 7; DB 10; Length 229;  
 Best Local Similarity 100.0%; Pred. No. 1.2e+02; Mismatches 0; Indels 0; Gaps 0;  
 Matches 7; Conservative 0; MisMatches 0; Del 0; Insert 0;

Qy 807 SCSSGRS 813  
 Db 131 SCSSGRS 137

Query Match 0.7%; Score 7; DB 9; Length 272;  
 Best Local Similarity 100.0%; Pred. No. 1.4e+02; Mismatches 0; Indels 0; Gaps 0;  
 Matches 7; Conservative 0; MisMatches 0; Del 0; Insert 0;

Qy 540 IIEENTT 546  
 Db 238 IIEENTT 244

Query Match 0.7%; Score 7; DB 10; Length 353;  
 Best Local Similarity 100.0%; Pred. No. 1.7e+02; Mismatches 0; Indels 0; Gaps 0;  
 Matches 7; Conservative 0; MisMatches 0; Del 0; Insert 0;

Qy 790 LGIPDV 796  
 Db 193 PVSILADR 199



TELEPHONE: (617) 498-8284  
 TELEFAX: (617) 875-5851  
 INFORMATION FOR SEQ ID NO: 19:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 393 amino acids  
 STRANDEDNESS: <Unknown>  
 TOPOLOGY: Linear  
 MOLECULE TYPE: protein  
 SEQUENCE DESCRIPTION: SEQ ID NO: 19:  
 US-09-745-763-19

QY	487	ADTENKE	493	0.7%	Score 7;	DB 10;	Length 393;
Best Local Similarity	100.0%	Pred.	No. 1.9e+02;				
Matches	7;	Conservative	0;	Mismatches	0;	Indels	0;
				Gaps	0;		

Db 253 ADTENKE 259

RESULT 64

US-09-970-711-8	Sequence 8,	Application US/09970711
PATENT NO.	US20020081279A1	
GENERAL INFORMATION:		
APPLICANT: Baker, Adam		
APPLICANT: Cotten, Matthew		
APPLICANT: Chiocca, Susanna		
APPLICANT: Kurzbaumer, Robert		
APPLICANT: Schaffner, Gotthold		
TITLE OF INVENTION: Chicken Embryo Lethal Orphan (CETO) Virus		
FILE REFERENCE: 0652-180001		
CURRENT APPLICATION NUMBER: US/09/970,711		
CURRENT FILING DATE: 2001-10-05		
PRIOR APPLICATION NUMBER: 09/171,461		
PRIOR FILING DATE: 1999-01-12		
PRIOR APPLICATION NUMBER: PCT/EP97/01944		
PRIOR FILING DATE: 1997-04-18		
NUMBER OF SEQ ID NOS: 54		
SOFTWARE: PatentIn Ver. 2.0		
SEQ ID NO 8		
LENGTH: 515		
TYPE: PRT		
ORGANISM: CELO Virus		
FEATURE:		
OTHER INFORMATION: Position: 15110..16657 /gene: l2 /product: penton		
OTHER INFORMATION: base		

US-09-970-711-8

Query Match, Score 7%; DB 10; Length 515;  
 Best Local Similarity 100.0%; Pred. No. 2.4e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 720 DURIPPEG 726

Db 181 DURIPPEG 187

RESULT 65

US-09-961-679-2	Sequence 2,	Application US/09961679
PATENT NO.	US20020107380A1	
GENERAL INFORMATION:		
APPLICANT: Friddle, Carl Johan		
APPLICANT: Gerhardt, Brenda		
TITLE OF INVENTION: No. US20020107380A1 Human Ion-Exchanger Proteins and Polynucleotides		
FILE REFERENCE: LEX-0239-USA		
CURRENT APPLICATION NUMBER: US/09/961,679		
CURRENT FILING DATE: 2001-09-24		
PRIOR APPLICATION NUMBER: US 60/235,745		
PRIOR FILING DATE: 2000-09-27		

QY 487 ADTENKE 493

Db 253 ADTENKE 259

RESULT 66

US-10-118-513A-2	Sequence 2,	Application US/10118513A
PATENT NO.	US20030039955A1	
GENERAL INFORMATION:		
APPLICANT: Taga, Tetsuya		
APPLICANT: Kimura, Naoki		
TITLE OF INVENTION: THE YS68 GENE INVOLVED IN PRIMITIVE HEMATOPOIESIS		
FILE REFERENCE: 06501-107051		
CURRENT APPLICATION NUMBER: US/10/118,513A		
CURRENT FILING DATE: 2002-04-08		
PRIOR APPLICATION NUMBER: PCT/JP00/05756		
PRIOR FILING DATE: 2000-08-25		
PRIOR APPLICATION NUMBER: JP 2000-123721		
PRIOR FILING DATE: 2000-04-19		
NUMBER OF SEQ ID NOS: 15		
SOFTWARE: PatentIn Ver. 2.0		
SEQ ID NO 2		
LENGTH: 1272		
TYPE: PRT		
ORGANISM: Mus musculus		
FEATURE:		
NAME/KEY: VARIANT		
LOCATION: 1034		
OTHER INFORMATION: Xaa = Any Amino Acid		

US-10-118-513A-2

Query Match, Score 7%; DB 9; Length 1272;  
 Best Local Similarity 100.0%; Pred. No. 5.4e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 362 EDLEGAV 368

Db 367 EDLEGAV 373

RESULT 67

US-10-118-513A-8	Sequence 8,	Application US/10118513A
PATENT NO.	US20030039955A1	
GENERAL INFORMATION:		
APPLICANT: Taga, Tetsuya		
APPLICANT: Kimura, Naoki		
TITLE OF INVENTION: THE YS68 GENE INVOLVED IN PRIMITIVE HEMATOPOIESIS		
FILE REFERENCE: 06501-107051		
CURRENT APPLICATION NUMBER: US/10/118,513A		
CURRENT FILING DATE: 2002-04-08		
PRIOR APPLICATION NUMBER: PCT/JP00/05756		
PRIOR FILING DATE: 2000-08-25		
PRIOR APPLICATION NUMBER: JP 11-288738		
PRIOR FILING DATE: 1999-10-08		
PRIOR APPLICATION NUMBER: JP 11-288739		

QY 362 EDLEGAV 368

Db 367 EDLEGAV 373

PRIOR FILING DATE: 1999-10-08  
 PRIORITY APPLICATION NUMBER: JP 2000-123721  
 PRIOR FILING DATE: 2000-04-19  
 NUMBER OF SEQ ID NOS: 15  
 SOFTWARE: PatentIn Ver. 2.0  
 SEQ\_ID NO: 8  
 LENGTH: 1272  
 TYPE: PRT  
 ORGANISM: Mus musculus  
 FEATURE: VARIANT  
 NAME/KEY: VARIANT  
 LOCATION: 1034  
 OTHER INFORMATION: Xaa = Any Amino Acid  
 US-10-118-513A-8

Query Match      0.7%; Score 7; DB 9; Length 1272;  
 Best Local Similarity 100.0%; Pred. No. 5.e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 362 EDLEGAV 368  
 Db 367 EDLEGAV 373

---

RESULT 68  
 US-10-118-513A-12  
 ; Sequence 12, Application US/10118513A  
 ; Publication No. US2003003995A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Taga, Tetsuya  
 ; ATTORNEY: Kimura, Naoki  
 ; TITLE OF INVENTION: THE YS68 GENE INVOLVED IN PRIMITIVE HEMATOPOIESIS  
 ; FILE REFERENCE: 06501-1070SI  
 ; CURRENT APPLICATION NUMBER: US/10/118,513A  
 ; CURRENT FILING DATE: 2002-04-08  
 ; PRIOR APPLICATION NUMBER: PCT/JP00/05756  
 ; PRIOR FILING DATE: 2000-08-25  
 ; PRIOR APPLICATION NUMBER: JP 11-288738  
 ; PRIOR FILING DATE: 1999-10-08  
 ; PRIOR APPLICATION NUMBER: JP 11-288739  
 ; PRIOR FILING DATE: 1999-10-08  
 ; PRIOR APPLICATION NUMBER: JP 2000-123721  
 ; PRIOR FILING DATE: 2000-04-19  
 ; NUMBER OF SEQ ID NOS: 15  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ\_ID NO: 12  
 ; LENGTH: 2243  
 ; TYPE: PRT  
 ; ORGANISM: Mus musculus  
 ; US-10-118-513A-12

Query Match      0.7%; Score 7; DB 9; Length 2243;  
 Best Local Similarity 100.0%; Pred. No. 9.e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 362 EDLEGAV 368  
 Db 1338 EDLEGAV 1344

---

RESULT 69  
 US-09-950-634-3  
 ; Sequence 3, Application US/09950634  
 ; Publication No. US20030032775A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Molnar-Kimber, Katherine L.  
 ; FAILLI, Amadeo F.  
 ; Caggiano, Thomas J.  
 ; Nakamishi, Koji  
 ; Chen, Yanqiu  
 ; TITLE OF INVENTION: EFFECTOR PROTEINS OF RAPAMYCIN  
 ; NUMBER OF SEQUENCES: 23  
 ; CORRESPONDENCE ADDRESS:

Query Match      0.6%; Score 6; DB 10; Length 12;

RESULT 70  
 US-09-791-378-132  
 ; Sequence 132, Application US/09791378  
 ; Patent No. US20030142303A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Parekh, Rajesh  
 ; TITLE OF INVENTION: PROTEINS, GENES AND THEIR USE FOR DIAGNOSIS AND TREATMENT OF SCHIZOPHRENIA  
 ; FILE REFERENCE: 9198-061-999  
 ; CURRENT APPLICATION NUMBER: US/09/791,378  
 ; CURRENT FILING DATE: 2001-02-23  
 ; PRIOR APPLICATION NUMBER: 09/750,395  
 ; PRIOR FILING DATE: 2000-12-28  
 ; NUMBER OF SEQ ID NOS: 677  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ\_ID NO: 132  
 ; LENGTH: 12  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-09-791-378-132

Query Match      0.6%; Score 6; DB 10; Length 12;

Best Local Similarity 100.0%; Pred. No. 89; Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 557 TPHAS 562  
Db 1 TPHAS 6

RESULT 71  
US-09-965-536A-41  
Sequence 41, Application US/09965536A  
Publication No. US20030027323A1  
GENERAL INFORMATION:  
APPLICANT: FEDER, J. N.  
APPLICANT: MINTIER, G.  
APPLICANT: RAMANATHAN, C. S.  
APPLICANT: HAWKEN, D. R.  
TITLE OF INVENTION: A NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR, HOPRBMY5,  
FILE REFERENCE: DOO41NP  
CURRENT APPLICATION NUMBER: US/09/965, 536A  
CURRENT FILING DATE: 2001-09-26  
PRIOR APPLICATION NUMBER: 60/235, 713  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: 60/261, 781  
PRIOR FILING DATE: 2001-01-16  
PRIOR APPLICATION NUMBER: 60/305, 605  
PRIOR FILING DATE: 2001-07-19  
PRIOR APPLICATION NUMBER: 60/310, 436  
PRIOR FILING DATE: 2001-08-03  
NUMBER OF SEQ ID NOS: 61  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO: 41  
LENGTH: 14  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-965-536A-41

Query Match 0.6%; Score 6; DB 9; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1e+02; Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 648 NKHSL 653  
Db 2 NKHSL 7

RESULT 72  
US-10-012-140-49  
Publication No. US20030000017A1  
GENERAL INFORMATION:  
APPLICANT: Leiby, Kevin R.  
APPLICANT: Kapeier-Libermann, Rosana  
APPLICANT: Glucksmann, Maria A.  
TITLE OF INVENTION: 38650, 28472, 5495, 65507, 81588, AND  
TITLE OF INVENTION: 14354 METHODS AND COMPOSITIONS OF HUMAN PROTEINS AND USES  
TITLE OF INVENTION: THEREOF  
FILE REFERENCE: 381152005900  
CURRENT APPLICATION NUMBER: US/10/012, 140  
CURRENT FILING DATE: 2001-11-08  
PRIOR APPLICATION NUMBER: 60/246, 768  
PRIOR FILING DATE: 2000-11-08  
PRIOR APPLICATION NUMBER: 60/246, 772  
PRIOR FILING DATE: 2000-11-08  
PRIOR APPLICATION NUMBER: 60/249, 185  
PRIOR FILING DATE: 2000-11-15  
NUMBER OF SEQ ID NOS: 49  
SOFTWARE: FastSEQ for Windows Version 4.0  
SEQ ID NO: 49

RESULT 73  
US-09-864-61-34785  
Sequence 34785, Application US/09864761  
Patent No. US200004873A1  
GENERAL INFORMATION:  
APPLICANT: Penn, Sharron G.  
APPLICANT: Rank, David R.  
APPLICANT: Hanzel, David K.  
APPLICANT: Chen, Wensheng  
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR  
TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY  
FILE REFERENCE: Ascomica-X-1  
CURRENT APPLICATION NUMBER: US/09/864, 761  
CURRENT FILING DATE: 2001-05-23  
PRIOR APPLICATION NUMBER: US 60/180, 312  
PRIOR FILING DATE: 2000-02-04  
PRIOR APPLICATION NUMBER: US 60/207, 456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: US 09/632, 366  
PRIOR FILING DATE: 2000-08-03  
PRIOR APPLICATION NUMBER: GB 24263. 6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236, 359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234, 687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 09/608, 408  
PRIOR FILING DATE: 2000-06-30  
PRIOR APPLICATION NUMBER: US 09/774, 203  
PRIOR FILING DATE: 2001-01-29  
NUMBER OF SEQ ID NOS: 49117  
SOFTWARE: Amnonax Sequence Listing Engine ver. 1.1  
SEQ ID NO: 34785  
LENGTH: 18

TYPE: PRT  
ORGANISM: Homo sapiens  
FEATURE:

```

; OTHER INFORMATION: MAP TO AL105945..5
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1..1
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1..4
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1..1
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1..2
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1..3
US-09-864-761-34785

Query Match          0..6%; Score 6; DB 10; Length 18;
Best Local Similarity 100..0%; Pred. No. 1..3e+02; Indels 0; Gaps 0;
Matches 6; Conservative 0; Mismatches 0; Indexes 0;

Qy    987 HLPPRG 992
Db    9 HLPPRG 14

RESULT 74
US-09-865-553-6
; Sequence 6, Application US/09865553
; Patent No. US20030055174A1
; GENERAL INFORMATION:
; APPLICANT: Rittner, Karola
; APPLICANT: Jacobs, Eric
; TITLE OF INVENTION: Complex for Transferring an Anionic Substance of Interest
; TITLE OF INVENTION: Into a Cell
; FILE REFERENCE: 032751-050
; CURRENT APPLICATION NUMBER: US/09/865..553
; CURRENT FILING DATE: 2001-05-29
; PRIOR APPLICATION NUMBER: US 60/246, 083
; PRIOR FILING DATE: 2000-11-07
; PRIOR APPLICATION NUMBER: US 60/277, 982
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00440162..6
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: EP 01440049..3
; PRIOR FILING DATE: 2001-02-27
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.1
SEQ ID NO 6
LENGTH: 20
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
; OTHER INFORMATION: ppTcG2O
US-09-865-553-6

Query Match          0..6%; Score 6; DB 10; Length 20;
Best Local Similarity 100..0%; Pred. No. 1..4e+02; Indels 0; Gaps 0;
Matches 6; Conservative 0; Mismatches 0; Indexes 0;
Indexes 0;
Qy    25 LWRLL 30
Db    13 LWRLL 18

RESULT 75
US-09-864-761-42677
; Sequence 42677, Application US/09864761
; Patent No. US2002004873A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Banzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Acomica-X-1
; CURRENT APPLICATION NUMBER: US/09/864..761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180, 312
; PRIOR FILING DATE: 2000-02-04

Query Match          0..6%; Score 6; DB 10; Length 23;
Best Local Similarity 100..0%; Pred. No. 1..6e+02; Indels 0; Gaps 0;
Matches 6; Conservative 0; Mismatches 0; Indexes 0;
Indexes 0;
Qy    809 SSGRST 814
Db    17 SSGRST 22

RESULT 76
US-09-974-879-445
; Sequence 445, Application US/09974879
; Publication No. US20030028003A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 125 Human Secreted Proteins
; FILE REFERENCE: PZ0-OP2
; CURRENT APPLICATION NUMBER: US/09/974, 879
; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: US 60/229, 893
; PRIOR FILING DATE: 2000-10-10

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PRIOR APPLICATION NUMBER: US 09/818,683

PRIOR FILING DATE: 2001-03-28

PRIOR APPLICATION NUMBER: US 09/305,736

PRIOR FILING DATE: 1999-05-05

PRIOR APPLICATION NUMBER: PCT/US98/23435

PRIOR FILING DATE: 1998-11-04

PRIOR APPLICATION NUMBER: US 60/064,911

PRIOR FILING DATE: 1997-11-07

PRIOR APPLICATION NUMBER: US 60/064,912

PRIOR FILING DATE: 1997-11-07

PRIOR APPLICATION NUMBER: US 60/064,983

PRIOR FILING DATE: 1997-11-07

PRIOR APPLICATION NUMBER: US 60/064,900

PRIOR FILING DATE: 1997-11-07

PRIOR APPLICATION NUMBER: US 60/064,988

PRIOR FILING DATE: 1997-11-07

PRIOR APPLICATION NUMBER: US 60/064,987

RESULT 78  
 US-09-764-904-52  
 ; Sequence 52, Application US/09764904  
 ; Patent No. US2002073454A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Rosen et al.  
 ; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies  
 ; FILE REFERENCE: PA122  
 ; CURRENT APPLICATION NUMBER: US/09/764,904  
 ; CURRENT FILING DATE: 2001-01-17  
 ; Prior application data removed - consult PALM or file wrapper  
 ; NUMBER OF SEQ ID NOS: 137  
 ; SOFTWARE: Patentin Ver. 2.0  
 ; SEQ ID NO: 52  
 ; SBQ ID NO: 52  
 ; LENGTH: 34  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-09-764-904-52

Query Match 0.6%; Score 6; DB 9; Length 32;  
 Best Local Similarity 100.0%; Pred. No. 2.1e+02; Indels 0; Gaps 0;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 894 LPEQRV 899  
 Db 20 LPEQRV 25

Query Match 0.6%; Score 6; DB 9; Length 32;  
 Best Local Similarity 100.0%; Pred. No. 2.1e+02; Indels 0; Gaps 0;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 528 WKGSKG 533  
 Db 29 WKGSKG 34

RESULT 79  
 US-10-091-548-52  
 ; Sequence 52, Application US/10091548  
 ; Publication No. US200300949703A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Rosen et al.  
 ; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies  
 ; FILE REFERENCE: PA122C1  
 ; CURRENT APPLICATION NUMBER: US/10/091,548  
 ; CURRENT FILING DATE: 2002-03-07  
 ; NUMBER OF SEQ ID NOS: 137  
 ; Prior Application removed - See File Wrapper or Palm  
 ; SOFTWARE: Patentin Ver. 2.0  
 ; SEQ ID NO: 52  
 ; LENGTH: 34  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-10-091-548-52

Query Match 0.6%; Score 6; DB 9; Length 34;  
 Best Local Similarity 100.0%; Pred. No. 2.2e+02; Indels 0; Gaps 0;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 528 WKGSKG 533  
 Db 29 WKGSKG 34

RESULT 77  
 US-10-174-410-261  
 ; Sequence 261, Application US/10174410  
 ; Publication No. US2003007134A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Louie, Gordon V.  
 ; APPLICANT: Buchanan, Sean Grant  
 ; APPLICANT: Gajjwala, Ketan S.  
 ; APPLICANT: Saunder, J. Michael  
 ; TITLE OF INVENTION: CRYSTALS AND STRUCTURES OF  
 ; TITLE OF INVENTION: 2-C-METHYL-D-ERYTHRITOL, 2,4-CYCLODIPHOSPHATE SYNTHASE MCPS  
 ; TITLE OF INVENTION: 2-C-METHYL-D-ERYTHRITOL, 2,4-CYCLODIPHOSPHATE SYNTHASE MCPS  
 ; FILE REFERENCE: 524982000300  
 ; CURRENT APPLICATION NUMBER: US/10/174,410  
 ; CURRENT FILING DATE: 2002-06-17  
 ; CURRENT FILING DATE: 2002-06-17  
 ; PRIOR APPLICATION NUMBER: 60/239,058  
 ; PRIOR FILING DATE: 2001-06-18  
 ; NUMBER OF SEQ ID NOS: 336  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO: 261  
 ; LENGTH: 32  
 ; TYPE: PRT  
 ; ORGANISM: Zymomonas mobilis

RESULT 80  
 US-09-764-860-570  
 ; Sequence 570, Application US/09764860  
 ; Patent No. US0020094953A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Rosen et al.

; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies  
; FILE REFERENCE: PPC008  
; CURRENT APPLICATION NUMBER: US/09/883,343A  
; CURRENT FILING DATE: 2001-06-19  
; PRIOR APPLICATION NUMBER: US/08/924,629  
; PRIOR FILING DATE: 1997-09-05  
; NUMBER OF SEQ ID NOS: 1198  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO: 570  
; LENGTH: 34  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-09-764-860-570  
; Query Match 0.6%; Score 6; DB 10; Length 34;  
; Best Local Similarity 100.0%; Pred. No. 2.2e+02;  
; Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
; Oy 528 WKGSKG 533  
; Db 29 WKGSKG 34  
; RESULT 81  
; Sequence 421, Application US/09986480  
; Publication No. US2003002799A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen et al.  
; TITLE OF INVENTION: Human Secreted Proteins  
; FILE REFERENCE: B8500P1  
; CURRENT APPLICATION NUMBER: US/09/986,480  
; CURRENT FILING DATE: 2001-11-08  
; PRIOR APPLICATION NUMBER: PCT/US00/12788  
; PRIOR FILING DATE: 2000-03-11  
; PRIOR APPLICATION NUMBER: US 60/134,068  
; PRIOR FILING DATE: 1999-05-13  
; NUMBER OF SEQ ID NOS: 456  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO: 421  
; LENGTH: 38  
; TYPE: PRT  
; FEATURE:  
; NAME/KEY: SITE  
; LOCATION: (25)  
; OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids  
; US-09-986-480-421  
; Query Match 0.6%; Score 6; DB 9; Length 38;  
; Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
; Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
; Oy 318 EKGSSS 323  
; Db 19 EKGSSS 24  
; RESULT 82  
; Sequence 23, Application US/09883343A  
; Publication No. US20030019632A1  
; GENERAL INFORMATION:  
; APPLICANT: Stiles, Michael E.  
; APPLICANT: Vederas, John C.  
; APPLICANT: van Belkum, Marius J.  
; APPLICANT: Worobo, Randy W.  
; APPLICANT: Greer, G. Gordon  
; APPLICANT: McMullen, Lynn M.  
; APPLICANT: Leisner, Jorgen J.  
; APPLICANT: Poon, Alison  
; APPLICANT: Franz, Charles M.A.P.  
; TITLE OF INVENTION: Novel Bacteriocins, Transport and Vector System and  
; FILE REFERENCE: 660.0005US  
; CURRENT APPLICATION NUMBER: US/09/883,343A  
; CURRENT FILING DATE: 2001-06-19  
; PRIOR APPLICATION NUMBER: US/08/924,629  
; PRIOR FILING DATE: 1997-03-05  
; NUMBER OF SEQ ID NOS: 80  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO: 24  
; LENGTH: 41  
; TYPE: PRT  
; ORGANISM: divergicin signal peptide  
; US-09-883-343A-24  
; Query Match 0.6%; Score 6; DB 9; Length 41;  
; Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
; Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
; Oy 544 NTNTSF 549  
; Db 35 NTNTSF 40  
; RESULT 83  
; Sequence 24, Application US/09883343A  
; Publication No. US20030039632A1  
; GENERAL INFORMATION:  
; APPLICANT: Stiles, Michael E.  
; APPLICANT: van Belkum, Marius J.  
; APPLICANT: Worobo, Randy W.  
; APPLICANT: Greer, G. Gordon  
; APPLICANT: McMullen, Lynn M.  
; APPLICANT: Leisner, Jorgen J.  
; APPLICANT: Poon, Alison  
; APPLICANT: Franz, Charles M.A.P.  
; TITLE OF INVENTION: Novel Bacteriocins, Transport and Vector System and  
; FILE REFERENCE: 660.0005US  
; CURRENT APPLICATION NUMBER: US/09/883,343A  
; CURRENT FILING DATE: 2001-06-19  
; PRIOR APPLICATION NUMBER: US/08/924,629  
; PRIOR FILING DATE: 1997-03-05  
; NUMBER OF SEQ ID NOS: 80  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO: 24  
; LENGTH: 41  
; TYPE: PRT  
; ORGANISM: divergicin signal peptide  
; US-09-883-343A-24  
; Query Match 0.6%; Score 6; DB 9; Length 41;  
; Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
; Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
; Oy 544 NTNTSF 549  
; Db 35 NTNTSF 40  
; RESULT 84  
; Sequence 35525, Application US/09864761  
; Publication No. US20020049763A1  
; GENERAL INFORMATION:  
; APPLICANT: Penn, Sharron G.  
; APPLICANT: Rank, David R.  
; APPLICANT: Hanzel, David K.  
; APPLICANT: Chiu, Ming Y.  
; APPLICANT: Green, Daniel J.  
; APPLICANT: McMullen, Lynn M.  
; APPLICANT: Leisner, Jorgen J.  
; APPLICANT: Roon, Alison  
; APPLICANT: Franz, Charles M.A.P.  
; TITLE OF INVENTION: Novel Bacteriocins, Transport and Vector System and

TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR  
FILE REFERENCE: Aeonica-X-1  
CURRENT APPLICATION NUMBER: US/09/864,761  
CURRENT FILING DATE: 2001-05-23  
PRIOR APPLICATION NUMBER: US 60/180,312  
PRIOR FILING DATE: 2000-02-04  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: US 09/632,366  
PRIOR FILING DATE: 2000-08-03  
PRIOR APPLICATION NUMBER: GB 24263,6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 09/608,408  
PRIOR FILING DATE: 2000-06-30  
PRIOR APPLICATION NUMBER: US 09/774,203  
PRIOR FILING DATE: 2001-01-29  
NUMBER OF SEQ ID NOS: 49117  
SOFTWARE: Amomax Sequence Listing Engine vers. 1.1  
SEQ ID NO 35525  
LENGTH: 42  
TYPE: PRT  
ORGANISM: Homo sapiens  
FEATURE:  
OTHER INFORMATION: MAP TO AP000346.1  
OTHER INFORMATION: EXPRESSED IN BT47A, SIGNAL = 1  
OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 0.98  
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 0.9  
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.5  
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.9  
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1  
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 6.6  
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.5  
OTHER INFORMATION: SWISSPROT HIT: P10265, EVALUE 1.00e-05  
OTHER INFORMATION: EST\_HUMAN HIT: BE395061.1, EVALUE 1.00e-05

Query Match 0.6%; Score 6; DB 10; Length 42;  
Best Local Similarity 100.0%; Pred. No. 2.7e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 543 ENTITS 548  
Db 6 ENTITS 11

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Query Match 0.6%; Score 6; DB 10; Length 42;  
Best Local Similarity 100.0%; Pred. No. 2.7e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 543 ENTITS 548  
Db 6 ENTITS 11

RESULT 86  
US-09-764-868-1229  
; Sequence 1229, Application US/09764868  
; Patent No. US2002016871A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen et al.  
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies  
; FILE REFERENCE: PCT/2002/00663  
; CURRENT APPLICATION NUMBER: US/09/764,868  
; CURRENT FILING DATE: 2001-01-17  
; PRIORITY APPLICATION NUMBER: US/09/764,868  
; NUMBER OF SEQ ID NOS: 1510  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 1229  
; LENGTH: 44  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-09-764-868-1229  
Query Match 0.6%; Score 6; DB 9; Length 44;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02; OTHER INFORMATION: MAP TO APO01208.1  
Matches 6; Conservative 0; Mismatches 0; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.7  
Qy 910 KVGISA 915 OTHER INFORMATION: EST HUMAN HIT: BR208783.1, EVALUE 4.00e+00  
Db 25 KVGISA 30

---

RESULT 87  
US-09-864-761-48866  
; Sequence 48866, Application US/09864761  
; Patent No. US20020048163A1  
; GENERAL INFORMATION:  
; APPLICANT: Penn, Sharron G.  
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR  
; FILE REFERENCE: Aeomica-X-1  
; CURRENT APPLICATION NUMBER: US/09/864,761  
; CURRENT FILING DATE: 2001-05-23  
; PRIORITY APPLICATION NUMBER: US 60/180,312  
; PRIOR FILING DATE: 2000-02-04  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 09/1632,366  
; PRIOR FILING DATE: 2000-08-03  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; ORGANISM: Homo sapiens  
; US-09-764-868-1229  
Query Match 0.6%; Score 6; DB 9; Length 44;  
Best Local Similarity 100.0%; Pred. No. 2.9e+02; OTHER INFORMATION: MAP TO APO01208.1  
Matches 6; Conservative 0; Mismatches 0; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.7  
Qy 804 VTOSCS 809 OTHER INFORMATION: EST HUMAN HIT: BR208783.1, EVALUE 4.00e+00  
Db 5 VTOSCS 10

---

RESULT 88  
US-09-925-297-641  
; Sequence 641, Application US/09925297  
; Patent No. US20020081659A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen et al.  
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies  
; FILE REFERENCE: PA105  
; CURRENT APPLICATION NUMBER: US/09/925,297  
; CURRENT FILING DATE: 2001-08-10  
; PRIORITY APPLICATION NUMBER: PCT/US00/05989  
; PRIOR FILING DATE: 2000-03-08  
; PRIOR APPLICATION NUMBER: 60/124,270  
; PRIOR FILING DATE: 1999-03-12  
; NUMBER OF SEQ ID NOS: 928  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 641  
; LENGTH: 45  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-09-925-297-641  
Query Match 0.6%; Score 6; DB 10; Length 45;  
Best Local Similarity 100.0%; Pred. No. 2.9e+02; OTHER INFORMATION: MAP TO APO01208.1  
Matches 6; Conservative 0; Mismatches 0; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.7  
Qy 699 FTUSLC 704 OTHER INFORMATION: EST HUMAN HIT: BR208783.1, EVALUE 4.00e+00  
Db 4 FTUSLC 9

---

RESULT 89  
US-09-864-761-38759  
; Sequence 38759, Application US/09864761  
; Patent No. US20020048163A1  
; GENERAL INFORMATION:  
; APPLICANT: Penn, Sharron G.  
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR  
; FILE REFERENCE: Aeomica-X-1  
; CURRENT APPLICATION NUMBER: US/09/864,761

us-10-046-433-40.oligo.rapb



RESULT 93

US-09-864-761-43095  
Sequence 43095, Application US/09864761

Patent No. US20020048763A1

GENERAL INFORMATION:

APPLICANT: Penn, Sharron G.

APPLICANT: Rank, David R.

APPLICANT: Hanzel, David K.

APPLICANT: Chen, Wensheng

TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR

FILE REFERENCE: Aeomica-X-1

CURRENT APPLICATION NUMBER: US/09/864,761

CURRENT FILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 60/180,312

PRIOR FILING DATE: 2000-02-04

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: US 09/632,366

PRIOR FILING DATE: 2000-08-03

PRIOR APPLICATION NUMBER: GB 24263.5

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00671

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00673

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00674

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00675

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00676

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00677

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00678

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00679

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00680

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00681

PRIOR FILING DATE: 2000-06-30

PRIOR APPLICATION NUMBER: US 09/774,203

PRIOR FILING DATE: 2001-01-29

NUMBER OF SEQ ID NOS.: 49117

SOFTWARE: Amaxax Sequence Listing Engine vers. 1.1

SEQ ID NO 43095

LENGTH: 53

TYPE: PRT

FEATURE: ORGANISM: Homo sapiens

FEATURE: OTHER INFORMATION: MAP TO AC005064.2

OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 8.2

OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.82

OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.2

OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.74

OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 3.00e-03

OTHER INFORMATION: SWISSPROT HIT: P24821, EVALUATE 3.00e-25

OTHER INFORMATION: EST\_HUMAN HIT: AV648884.1, EVALUATE 3.00e-25

Query Match 0.6%; Score 6; DB 10; Length 53;

Best Local Similarity 100.0%; Pred. No. 3.3e+02; Mismatches 6; Conservative 0; Indels 0; Gaps 0;

QY 885 PKLCG 890

Db 30 | ||||| PKLCG 35

RESULT 94

US-09-864-761-44361  
Sequence 44361, Application US/09864761

Patent No. US20020048763A1

GENERAL INFORMATION:

APPLICANT: Penn, Sharron G.

APPLICANT: Rank, David R.

APPLICANT: Hanzel, David K.

APPLICANT: Chen, Wensheng

TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR

FILE REFERENCE: Aeomica-X-1

CURRENT APPLICATION NUMBER: US/09/864,761

CURRENT FILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 60/180,312

PRIOR FILING DATE: 2000-02-04

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: US 09/632,366

PRIOR FILING DATE: 2000-08-03

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00671

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00673

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00674

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00675

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00676

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00677

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00678

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00679

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00680

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00681

PRIOR FILING DATE: 2000-06-30

PRIOR APPLICATION NUMBER: US 09/774,203

PRIOR FILING DATE: 2001-01-29

NUMBER OF SEQ ID NOS.: 49117

SOFTWARE: Amaxax Sequence Listing Engine vers. 1.1

SEQ ID NO 43161

LENGTH: 53

TYPE: PRT

FEATURE: ORGANISM: Homo sapiens

FEATURE: OTHER INFORMATION: MAP TO AC004954.1

OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.83

OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.79

OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.68

OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.72

OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.77

OTHER INFORMATION: EXPRESSED IN EST\_HUMAN HIT: N46508.1, EVALUATE 2.20e+00

OTHER INFORMATION: EXPRESSED IN EST\_HUMAN HIT: Q49378, EVALUATE 2.40e-01

Query Match 0.6%; Score 6; DB 10; Length 53;

Best Local Similarity 100.0%; Pred. No. 3.3e+02; Mismatches 6; Conservative 0; Indels 0; Gaps 0;

QY 885 PKLCG 890

Matches	6	Conservative	0	Mismatches	0	Indels	0	Gaps	0
Qy	828	GSLUUP	833						
Db	37	GSLUUP	42						

RESULT 95  
US-09-864-761-44370  
; Sequence 44370, Application US/09864761  
; Patent No. US20020048763A1  
; GENERAL INFORMATION:  
; APPLICANT: Penn, Sharron G.  
; APPLICANT: Rank, David R.  
; APPLICANT: Hanzel, David K.  
; APPLICANT: Chen, Wensheng  
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR FILE REFERENCE: Acomice-X-1  
; CURRENT APPLICATION NUMBER: US/09/864,761  
; CURRENT FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/180,312  
; PRIOR FILING DATE: 2000-02-04  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-03-26  
; PRIOR APPLICATION NUMBER: US 09/632,366  
; PRIOR FILING DATE: 2000-08-03  
; PRIOR APPLICATION NUMBER: GB 24263 .6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 09/608,408  
; PRIOR FILING DATE: 2000-06-30  
; PRIOR APPLICATION NUMBER: US 09/774,203  
; PRIOR FILING DATE: 2001-01-29  
; NUMBER OF SEQ ID NOS: 49117  
; SOFTWARE: Annonax Sequence Listing Engine vers. 1.1  
; SEQ ID NO 44370  
; LENGTH: 54  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: MAP TO AC004028.1  
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0 .61  
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0 .77  
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0 .57  
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0 .59  
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0 .63  
; OTHER INFORMATION: EST HUMAN HIT: AW079368 .1, EVALUE 5 .60e-01  
; OTHER INFORMATION: SWISSPROT HIT: Q55610, EVALUE 3 .50e+00

Query Match	0 .6%	Score	6	DB	10	Length	54
Best Local Similarity	100 .0%	Pred.	No.	3 .4e+02			
Matches	6	Conservative	0	Mismatches	0	Indels	0
Qy	921	ILLTVL	926				
Db	31	ILLTVL	36				

RESULT 96  
US-09-864-761-39873  
; Sequence 39873, Application US/09864761  
; Patent No. US20020048763A1  
; GENERAL INFORMATION:  
; APPLICANT: Penn, Sharron G.  
; APPLICANT: Rank, David R.  
; APPLICANT: Hanzel, David K.  
; APPLICANT: Chen, Wensheng  
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR FILE REFERENCE: Acomice-X-1  
; CURRENT APPLICATION NUMBER: US/09/864,761  
; CURRENT FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: GB 24263 .6  
; PRIOR FILING DATE: 2000-02-04  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-03-26  
; PRIOR APPLICATION NUMBER: US 09/632,366  
; PRIOR FILING DATE: 2000-08-03  
; PRIOR APPLICATION NUMBER: GB 24263 .6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 09/608,408  
; PRIOR FILING DATE: 2000-06-30  
; PRIOR APPLICATION NUMBER: US 09/774,203  
; PRIOR FILING DATE: 2001-01-29  
; NUMBER OF SEQ ID NOS: 49117  
; SOFTWARE: Annonax Sequence Listing Engine vers. 1.1  
; SEQ ID NO 39873  
; LENGTH: 55  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: MAP TO AC005906 .1  
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 2 .9  
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 4 .3  
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 3 .4  
; OTHER INFORMATION: EXPRESSED IN PLACENNA, SIGNAL = 4 .8  
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 3 .4

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OTHER INFORMATION: EXPRESSED IN PELAL LIVER, SIGNAL = 3.3  
 OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 3.2  
 OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 3.3  
 OTHER INFORMATION: SWISSPROT HIT: P18225, EVALU 4.60e+00  
 OTHER INFORMATION: EST\_HUMAN HIT: BE621832\_1, EVALU 2.80e+00  
 ; US-09-864-761-39873

Query Match 0.6%; Score 6; DB 10; Length 55;  
 Best Local Similarity 100.0%; Pred. No. 3.4e+02; Mismatches 0; Indels 0; Gaps 0;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 831 LLPGTC 836  
 Db 43 LLPGTC 48

RESULT 97  
 US-10-114-893-131  
 Sequence 131, Application US/10114893  
 Publication No. US20020193567A1  
 GENERAL INFORMATION:  
 APPLICANT: Jacobs, Kenneth  
 APPLICANT: McCoy, John M.  
 APPLICANT: Lavallie, Edward R.  
 APPLICANT: Evans, Cheryl  
 APPLICANT: Merberg, David  
 APPLICANT: Spaulding, Vicki  
 APPLICANT: Carlin-Duckett, McKeough  
 APPLICANT: Kelleher, Kerry S.  
 APPLICANT: Genetics Institute, Inc.  
 TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM  
 FILE REFERENCE: GI 6000-10A  
 CURRENT APPLICATION NUMBER: US/10/114,893  
 CURRENT FILING DATE: 2002-04-02  
 EARLIER APPLICATION NUMBER: 09/413,232  
 EARLIER FILING DATE: 1999-10-06  
 NUMBER OF SEQ ID NOS: 321  
 SOFTWARE: PatentIn Ver. 2.0  
 SEQ ID NO: 131  
 LENGTH: 56  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 FEATURE:  
 NAME/KEY: UNSURE  
 LOCATION: (17)  
 ; US-10-114-893-131

Query Match 0.6%; Score 6; DB 9; Length 56;  
 Best Local Similarity 100.0%; Pred. No. 3.5e+02; Mismatches 0; Indels 0; Gaps 0;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 369 KLPASG 374  
 Db 30 KLPASG 35

RESULT 99  
 US-03-864-761-42647  
 Sequence 42647, Application US/09864761  
 Patent No. US20020049763A1  
 GENERAL INFORMATION:  
 APPLICANT: Penn, Sharron G.  
 APPLICANT: Rank, David R.  
 APPLICANT: Hanzel, David K.  
 APPLICANT: Chen, Wenheng  
 TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR  
 \*TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY  
 FILE REFERENCE: Ascomica-X-1  
 CURRENT APPLICATION NUMBER: US/09/864,761  
 CURRENT FILING DATE: 2001-05-23  
 PRIOR APPLICATION NUMBER: US 60/180,312  
 PRIOR FILING DATE: 2000-02-04  
 PRIOR APPLICATION NUMBER: US 60/207,456  
 PRIOR FILING DATE: 2000-05-26  
 PRIOR APPLICATION NUMBER: US 09/632,366  
 PRIOR FILING DATE: 2000-08-03  
 PRIOR APPLICATION NUMBER: GB 24263.6  
 PRIOR FILING DATE: 2000-10-04  
 PRIOR APPLICATION NUMBER: US 60/236,319  
 PRIOR FILING DATE: 2000-09-27  
 PRIOR APPLICATION NUMBER: PCT/US01/00656  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00667  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00664  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00669  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00665  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00668  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00663  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00662  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00661  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00670  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: US 60/234,687  
 PRIOR FILING DATE: 2000-09-21  
 PRIOR APPLICATION NUMBER: US 09/608,408

RESULT 98  
 US-10-102-006-826  
 Sequence 826, Application US/10102806  
 Publication No. US20030054421A1  
 GENERAL INFORMATION:  
 APPLICANT: Rosen et al.  
 APPLICANT: Nucleic Acids, Proteins and Antibodies  
 TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies  
 FILE REFERENCE: PA103P1C1  
 CURRENT APPLICATION NUMBER: US/10/102,806  
 CURRENT FILING DATE: 2002-03-22  
 PRIOR APPLICATION NUMBER: 09/925,298  
 PRIOR FILING DATE: 2001-08-10  
 PRIOR APPLICATION NUMBER: PCT/US00/05881  
 PRIOR FILING DATE: 2000-03-08

PRIOR FILING DATE: 2000-06-30  
 PRIOR APPLICATION NUMBER: US 09/774,203  
 PRIOR FILING DATE: 2001-01-29  
 NUMBER OF SEQ ID NOS: 49117  
 SOFTWARE: Annonax Sequence Listing Engine vers. 1.1  
 LENGTH: 56  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 FEATURE:  
 OTHER INFORMATION: MAP TO AC007539.8  
 OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 6.5  
 OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 5.9  
 OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 7.9  
 OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 9.7  
 OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 3.9  
 OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 4.6  
 OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 7.4  
 OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 3.4  
 OTHER INFORMATION: SWISSPROT HIT: P40024, EVALUATE 7.00e-01  
 US-09-864-761-42647

Query Match Score 6; DB 10; Length 56;  
 Best Local Similarity 100.0%; Pred. No. 3.5e+02; Mismatches 0; Indels 0; Gaps 0;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 852 SAAACP 857  
 Db 41 SAAACP 46

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RESULT 100

US-09-864-761-33648  
 ; Sequence 33648, Application US/09864761  
 ; Patent No. US20020048763A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Penn, Sharron G.  
 ; APPLICANT: Rank, David R.  
 ; APPLICANT: Hanzel, David K.  
 ; APPLICANT: Chen, Weisheng  
 TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR FILE REFERENCE: Aeomica-X-1  
 CURRENT APPLICATION NUMBER: US/09/864,761  
 CURRENT FILING DATE: 2001-05-23  
 PRIOR APPLICATION NUMBER: US 60/180,312  
 PRIOR FILING DATE: 2000-02-04  
 PRIOR APPLICATION NUMBER: US 60/207,456  
 PRIOR FILING DATE: 2000-05-26  
 PRIOR APPLICATION NUMBER: US 09/632,366  
 PRIOR FILING DATE: 2000-08-03  
 PRIOR APPLICATION NUMBER: GB 24263,6  
 PRIOR FILING DATE: 2000-10-04  
 PRIOR APPLICATION NUMBER: US 60/235,359  
 PRIOR FILING DATE: 2000-09-27  
 PRIOR APPLICATION NUMBER: PCT/US01/00664  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00667  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00668  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00669  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00665  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00662  
 PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663  
 PRIOR FILING DATE: 2001-01-30  
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 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00661  
 PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: US 60/234,687  
 PRIOR FILING DATE: 2000-09-21  
 PRIOR APPLICATION NUMBER: US 09/608,408  
 PRIOR FILING DATE: 2000-06-30  
 PRIOR APPLICATION NUMBER: US 09/774,203  
 PRIOR FILING DATE: 2001-01-29  
 NUMBER OF SEQ ID NOS: 49117  
 SOFTWARE: Annonax Sequence Listing Engine vers. 1.1  
 LENGTH: 61  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 FEATURE:  
 OTHER INFORMATION: MAP TO Z93930.10  
 OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 43  
 OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 11  
 OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 20  
 OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 8.8  
 OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 3.8  
 OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 4.6  
 OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 3.1  
 OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.7  
 OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 2.2  
 OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 25  
 OTHER INFORMATION: EST HUMAN HIT: B0081556.1, EVALUATE 1.00e-34  
 OTHER INFORMATION: SWISSPROT HIT: P17861, EVALUATE 2.00e-35  
 OTHER INFORMATION: EST HUMAN HIT: AV996402.1, EVALUATE 2.00e-34  
 US-09-864-761-33648

Query Match Score 6; DB 10; Length 61;  
 Best Local Similarity 100.0%; Pred. No. 3.7e+02; Mismatches 0; Indels 0; Gaps 0;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 805 TQSCSS 810  
 Db 12 TQSCSS 17

Search completed: April 22, 2003, 15:36:56  
 Job time : 43 SECS

